

Additional file 6 – Metabolic pathway type prediction rules generated by NNge algorithm

Scheme:weka.classifiers.rules.NNge -G 20 -I 20

Attributes: 4
scoreRea
scoreProtTaxo
scorePageRankTopoDiv
t

Test mode:10-fold cross-validation

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	7822	94.7432 %
Incorrectly Classified Instances	434	5.2568 %
Kappa statistic	0.9076	
Mean absolute error	0.021	
Root mean squared error	0.145	
Relative absolute error	9.2047 %	
Root relative squared error	42.9119 %	
Total Number of Instances	8256	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.922	0.028	0.927	0.922	0.925	0.947	DEGRADATION
	0.965	0.06	0.958	0.965	0.961	0.952	BIOSYNTHESIS
	0.929	0.003	0.947	0.929	0.938	0.963	OTHER
	0.869	0.001	0.926	0.869	0.897	0.934	DETOX
	0.935	0.004	0.939	0.935	0.937	0.966	ENERGY
Weighted Avg.	0.947	0.043	0.947	0.947	0.947	0.952	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
2121	151	10	3	15	a = DEGRADATION
136	4672	16	6	13	b = BIOSYNTHESIS
13	22	469	0	1	c = OTHER
6	11	0	113	0	d = DETOX
11	20	0	0	447	e = ENERGY

=== Classifier model (full training set) ===

NNGE classifier

Rules generated :

class ENERGY IF : 0.0944911182523068<=scoreRea<=0.11952286093343936 ^ 0.2380660236333224<=scoreProtTaxo<=2.467150522820092 ^ 3.9467331593969805E-5<=scorePageRankTopoDiv<=8.222097127067186E-5 (19)

class OTHER IF : 0.14824986333222023<=scoreRea<=0.23570226039551584 ^ 34.230955629673105<=scoreProtTaxo<=43.96658510801488 ^ 2.5624430194452117E-5<=scorePageRankTopoDiv<=3.2215748110582064E-5 (25)

class BIOSYNTHESIS IF : 1.3764944032233706<=scoreRea<=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ 1.715924490479643E-4<=scorePageRankTopoDiv<=1.7442011676202887E-4 (9)

class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 2.635996114083793E-4<=scorePageRankTopoDiv<=2.6835762452210286E-4 (16)

class BIOSYNTHESIS IF : 0.3333333333333333<=scoreRea<=0.3380617018914066 ^ scoreProtTaxo=0.0 ^ 1.7482405819301152E-4<=scorePageRankTopoDiv<=1.7796160572064972E-4 (8)

class BIOSYNTHESIS IF : 0.6282808624375432<=scoreRea<=0.7071067811865476 ^ 137.05241439564665<=scoreProtTaxo<=187.6103739034471 ^ 8.941788011599709E-5<=scorePageRankTopoDiv<=1.273031544422776E-4 (14)

class BIOSYNTHESIS IF : 1.3844373104863457<=scoreRea<=1.4142135623730951 ^ 0.0<=scoreProtTaxo<=0.48131847175072956 ^ 1.2511393920411733E-4<=scorePageRankTopoDiv<=1.2782527724143538E-4 (12)

class DEGRADATION IF : 0.5<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 4.011826234288762E-5<=scorePageRankTopoDiv<=4.203593126592642E-5 (16)

class DEGRADATION IF : scoreRea=0.46770717334674267 ^ scoreProtTaxo=0.9007059016979746 ^ scorePageRankTopoDiv=3.617856201725098E-5 (2)

class BIOSYNTHESIS IF : 1.1547005383792515<=scoreRea<=2.5585578921327845 ^ 14.106547340156714<=scoreProtTaxo<=18.473453822095284 ^ 1.770564875558003E-4<=scorePageRankTopoDiv<=2.0789015753772057E-4 (13)

class OTHER IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9885864310046825E-4 (6)

class BIOSYNTHESIS IF : 0.3535533905932738<=scoreRea<=0.408248290463863 ^ 0.12001422967741608<=scoreProtTaxo<=1.805290514655062 ^ 7.097145389737822E-5<=scorePageRankTopoDiv<=1.006856779682069E-4 (25)

class ENERGY IF : scoreRea=0.24743582965269673 ^ scoreProtTaxo=45.5775940290842 ^ scorePageRankTopoDiv=6.303181454151838E-5 (3)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.4486469678956296E-4 (3)

class BIOSYNTHESIS IF : 2.3145502494313788<=scoreRea<=4.636809247747852 ^ 0.13557591986987977<=scoreProtTaxo<=40.3956525235376 ^ 6.279108186413624E-5<=scorePageRankTopoDiv<=1.1946954132219554E-4 (26)

class BIOSYNTHESIS IF : 1.7320508075688772<=scoreRea<=3.055050463303893 ^ 98.40420334876411<=scoreProtTaxo<=378.82319006045105 ^ 1.2993501217585093E-4<=scorePageRankTopoDiv<=1.3143712413214126E-4 (6)

class DEGRADATION IF : 0.7071067811865476<=scoreRea<=0.8320502943378437 ^ 20.577608238503228<=scoreProtTaxo<=70.40532050487963 ^ 1.4711128835871555E-4<=scorePageRankTopoDiv<=1.5582750065655076E-4 (6)

class ENERGY IF : 0.14680505487867587<=scoreRea<=0.1749635530559413 ^ 1.5153219406847809<=scoreProtTaxo<=59.68013546214413 ^ 4.522582100052408E-5<=scorePageRankTopoDiv<=6.316112041496758E-5 (12)

class BIOSYNTHESIS IF : 1.5811388300841898<=scoreRea<=3.3806170189140663 ^ 89.64616712273855<=scoreProtTaxo<=93.87272426424039 ^ 4.616620362534685E-4<=scorePageRankTopoDiv<=6.13379441752335E-4 (8)

class BIOSYNTHESIS IF : 0.1714399631667259<=scoreRea<=0.75 ^ 0.35675283566636734<=scoreProtTaxo<=0.5896504247749174 ^ 2.5285969726396953E-5<=scorePageRankTopoDiv<=4.035096476002114E-5 (30)

class BIOSYNTHESIS IF : 1.4675987714106857<=scoreRea<=1.5275252316519465 ^ scoreProtTaxo=0.0 ^ 1.4824279368028657E-4<=scorePageRankTopoDiv<=1.873432940507961E-4 (7)

class DEGRADATION IF : 0.4330127018922193<=scoreRea<=0.6064172948423149 ^ 0.5629775241084929<=scoreProtTaxo<=36.00546680035225 ^ 4.043811427310258E-5<=scorePageRankTopoDiv<=4.107288757033667E-5 (17)

class DEGRADATION IF : scoreRea=1.3363062095621219 ^ scoreProtTaxo=59.8217421667204 ^ scorePageRankTopoDiv=6.927263515039377E-5 (4)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 2.4385616569174256E-4<=scorePageRankTopoDiv<=2.4446999316006323E-4 (12)

class BIOSYNTHESIS IF : 1.3693063937629153<=scoreRea<=2.4776781245530843 ^ 0.050541374706292774<=scoreProtTaxo<=40.716794145116985 ^ 4.4582055374839147E-4<=scorePageRankTopoDiv<=5.910409514342583E-4 (23)

class BIOSYNTHESIS IF : 0.28867513459481287<=scoreRea<=0.6695340634119862 ^ 0.0<=scoreProtTaxo<=0.09750442980201487 ^ 2.3078302774459267E-5<=scorePageRankTopoDiv<=2.654390416091464E-5 (19)

class DEGRADATION IF : 1.0<=scoreRea<=1.0933445471810679 ^ scoreProtTaxo=0.0 ^ 1.5119971642290792E-4<=scorePageRankTopoDiv<=1.5165145812969067E-4 (11)

class DEGRADATION IF : 0.3535533905932738<=scoreRea<=0.408248290463863 ^ scoreProtTaxo=0.0 ^ 1.2760655041187276E-4<=scorePageRankTopoDiv<=1.8234241192197802E-4 (20)

class BIOSYNTHESIS IF : 0.42491829279939874<=scoreRea<=0.4629100498862757 ^ 0.0019539003218056023<=scoreProtTaxo<=10.579425554589232 ^ 6.0762810298399056E-5<=scorePageRankTopoDiv<=6.0772374429749914E-5 (11)

class BIOSYNTHESIS IF : 1.118033988749895<=scoreRea<=1.5491933384829668 ^ 28.3876733812448<=scoreProtTaxo<=171.2522187159527 ^ 1.214796345552975E-4<=scorePageRankTopoDiv<=1.339312706332986E-4 (38)

class BIOSYNTHESIS IF : 0.1666666666666666<=scoreRea<=0.5477225575051662 ^ 211.6065492558517<=scoreProtTaxo<=354.05109611467765 ^ 2.4353028660813146E-5<=scorePageRankTopoDiv<=1.12430516234085E-4 (38)

class DEGRADATION IF : 0.408248290463863<=scoreRea<=0.5443310539518174 ^ 0.05342416342328977<=scoreProtTaxo<=9.574954409747393 ^ 6.276174469714381E-5<=scorePageRankTopoDiv<=6.541810444814617E-5 (15)

class DEGRADATION IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=150.93034502106704 ^ scorePageRankTopoDiv=1.3168334991139308E-4 (7)

class DEGRADATION IF : 0.49507377148833714<=scoreRea<=0.6370220572706061 ^ 3.116903115717679<=scoreProtTaxo<=10.859160785877924 ^ 3.192381751198706E-5<=scorePageRankTopoDiv<=3.283073109307133E-5 (4)

class DEGRADATION IF : 0.9848476085314292<=scoreRea<=1.311651671567906 ^ 0.0015315028922544994<=scoreProtTaxo<=0.012958469829493875 ^ 1.6285332302952283E-4<=scorePageRankTopoDiv<=1.6807726764800455E-4 (10)

class DEGRADATION IF : 1.5146344928922038<=scoreRea<=1.5387160422974504 ^ 4.37231962355855<=scoreProtTaxo<=45.81247528729291 ^ 1.0060730209984355E-4<=scorePageRankTopoDiv<=1.0542570447093832E-4 (2)

class DEGRADATION IF : scoreRea=1.4950900031928038 ^ scoreProtTaxo=23.643450906127864 ^ scorePageRankTopoDiv=1.0170788148269443E-4 (4)

class DEGRADATION IF : 1.4038890593022617<=scoreRea<=1.5275252316519465 ^ 0.0<=scoreProtTaxo<=0.22494079551498097 ^ 1.0295047718367274E-4<=scorePageRankTopoDiv<=1.0359361723184283E-4 (11)

class DEGRADATION IF : 1.5191090506255<=scoreRea<=1.632993161855452 ^ scoreProtTaxo=0.0 ^ 8.767676776912526E-5<=scorePageRankTopoDiv<=9.866342288397187E-5 (6)

class DEGRADATION IF : 1.1473127431577863<=scoreRea<=1.695582495781317 ^ 0.4173866279031499<=scoreProtTaxo<=0.6904483523297835 ^ 8.283363561372424E-5<=scorePageRankTopoDiv<=1.1294034404114938E-4 (28)

class BIOSYNTHESIS IF : scoreRea=1.495090003192804 ^ scoreProtTaxo=23.643450906127864 ^ scorePageRankTopoDiv=1.0170788148269442E-4 (2)

class BIOSYNTHESIS IF : 0.1767766952966369<=scoreRea<=0.18257418583505536 ^ 1.4521302510479395<=scoreProtTaxo<=4.3847354266734015 ^ 1.872670084424061E-5<=scorePageRankTopoDiv<=2.0210433645597785E-5 (14)

class DEGRADATION IF : 1.6519994452731097<=scoreRea<=1.7320508075688772 ^ 0.0<=scoreProtTaxo<=0.11859382190794628 ^ 1.659536769761936E-4<=scorePageRankTopoDiv<=2.1296498231818996E-4 (10)

class DEGRADATION IF : 1.0<=scoreRea<=1.1547005383792515 ^ 0.0<=scoreProtTaxo<=0.5811794521613008 ^ 7.132515955266688E-5<=scorePageRankTopoDiv<=7.875167426911117E-5 (31)

class DEGRADATION IF : 0.08006407690254357<=scoreRea<=0.08425254637422692 ^ 0.7466289594192045<=scoreProtTaxo<=10.949924907214125 ^ 2.839311395403713E-5<=scorePageRankTopoDiv<=3.3883828455200255E-5 (8)

class BIOSYNTHESIS IF : scoreRea=0.25 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.1827594371485E-5 (2)

class BIOSYNTHESIS IF : 0.30151134457776363<=scoreRea<=0.35805743701971643 ^ 33.13265144118489<=scoreProtTaxo<=165.40664584751835 ^ 2.1781192991062262E-5<=scorePageRankTopoDiv<=3.331904960288265E-5 (29)
class DEGRADATION IF : scoreRea=2.0 ^ scoreProtTaxo=52.67513222304043 ^ scorePageRankTopoDiv=2.4625803787683525E-4 (6)
class DEGRADATION IF : scoreRea=0.5 ^ scoreProtTaxo=51.0656694346673 ^ scorePageRankTopoDiv=6.415037616460833E-5 (7)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 1.7047280223499706E-4<=scorePageRankTopoDiv<=1.7681757651857256E-4 (23)
class BIOSYNTHESIS IF : 0.5<=scoreRea<=0.5345224838248488 ^ 92.58392887825794<=scoreProtTaxo<=645.2183120206236 ^ 1.8665619280014382E-4<=scorePageRankTopoDiv<=3.987942542101376E-4 (34)
class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=1.6770509831248424 ^ 0.02414552317287656<=scoreProtTaxo<=60.881932950570835 ^ 2.8126292026083763E-5<=scorePageRankTopoDiv<=4.606334372579576E-5 (39)
class BIOSYNTHESIS IF : 0.8944271909999159<=scoreRea<=1.0053333711589283 ^ 17.297810329416045<=scoreProtTaxo<=71.7572486719615 ^ 6.17572370468687E-5<=scorePageRankTopoDiv<=6.430819501851288E-5 (26)
class BIOSYNTHESIS IF : 3.872983346207417<=scoreRea<=5.366563145999495 ^ 0.0<=scoreProtTaxo<=0.15260553574759061 ^ 1.400236268308033E-4<=scorePageRankTopoDiv<=4.1749250632250665E-4 (39)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.915262928751791E-4<=scorePageRankTopoDiv<=1.9197527419422426E-4 (6)
class BIOSYNTHESIS IF : 1.0540925533894596<=scoreRea<=1.2909944487358058 ^ 27.91959473984153<=scoreProtTaxo<=59.62840121189813 ^ 1.7853466287135828E-4<=scorePageRankTopoDiv<=2.449337716498709E-4 (21)
class BIOSYNTHESIS IF : 0.7637626158259734<=scoreRea<=0.8944271909999159 ^ 222.78010111168732<=scoreProtTaxo<=260.81456976412017 ^ 7.669479555608071E-5<=scorePageRankTopoDiv<=1.253740888154235E-4 (14)
class DEGRADATION IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=0.0 ^ 1.2853202642214428E-4<=scorePageRankTopoDiv<=1.297143538338404E-4 (6)
class BIOSYNTHESIS IF : 1.741143000264028<=scoreRea<=1.9578900207451218 ^ 0.043526169552462184<=scoreProtTaxo<=0.4496737139612123 ^ 7.047799086950667E-5<=scorePageRankTopoDiv<=1.3754176330353984E-4 (9)
class BIOSYNTHESIS IF : 2.0<=scoreRea<=2.23606797749979 ^ scoreProtTaxo=0.0 ^ 1.3107866933148774E-4<=scorePageRankTopoDiv<=1.5035776480829834E-4 (16)
class BIOSYNTHESIS IF : 0.4330127018922193<=scoreRea<=0.7071067811865476 ^ 37.96986447132463<=scoreProtTaxo<=47.476763977188085 ^ 6.0575541963087874E-5<=scorePageRankTopoDiv<=8.184055624663284E-5 (38)
class BIOSYNTHESIS IF : 0.4216370213557839<=scoreRea<=0.6666666666666666 ^ 0.0<=scoreProtTaxo<=29.109935803778434 ^ 2.9791555817155357E-4<=scorePageRankTopoDiv<=4.7186282623621316E-4 (34)
class DEGRADATION IF : 0.12964074471043288<=scoreRea<=0.14625448482542613 ^ 11.675943716030119<=scoreProtTaxo<=12.568556538811487 ^ 5.304913067771752E-5<=scorePageRankTopoDiv<=5.665850725133843E-5 (3)
class DEGRADATION IF : scoreRea=0.10846522890932808 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.484507680933927E-5 (6)
class DEGRADATION IF : 0.13693063937629155<=scoreRea<=0.16484511834894675 ^ 0.1642099863440641<=scoreProtTaxo<=1.410655334621784 ^ 4.765343982056646E-5<=scorePageRankTopoDiv<=5.694991249826218E-5 (9)
class DEGRADATION IF : 1.6064386578049976<=scoreRea<=1.6449566416599486 ^ scoreProtTaxo=0.0 ^ 1.1726683964274192E-4<=scorePageRankTopoDiv<=1.449097451000517E-4 (5)
class BIOSYNTHESIS IF : 0.29277002188455997<=scoreRea<=0.5014598571212789 ^ 0.3353271363778662<=scoreProtTaxo<=24.040204420303578 ^ 5.49874466379079E-5<=scorePageRankTopoDiv<=5.58575845653719E-5 (8)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ 1.744724650945507E-4<=scorePageRankTopoDiv<=2.034274877002086E-4 (15)
class BIOSYNTHESIS IF : 1.1881770515720091<=scoreRea<=1.5029382986043587 ^ 0.0<=scoreProtTaxo<=22.635275882667845 ^ 5.641772204858564E-5<=scorePageRankTopoDiv<=7.202261364213803E-5 (30)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.184702952142395E-5 (2)
class DEGRADATION IF : scoreRea=0.9274777915203366 ^ scoreProtTaxo=0.5535860737834317 ^ scorePageRankTopoDiv=1.037932024148532E-4 (3)
class DEGRADATION IF : 0.50709255283711<=scoreRea<=1.1631599960755994 ^ 89.65243916336601<=scoreProtTaxo<=100.84577451615787 ^ 7.732571433805503E-5<=scorePageRankTopoDiv<=8.535041606710396E-5 (10)
class DEGRADATION IF : 1.224744871391589<=scoreRea<=1.3093073414159542 ^ scoreProtTaxo=0.0 ^ 7.82482349181678E-5<=scorePageRankTopoDiv<=9.00962259154721E-5 (5)
class DEGRADATION IF : 1.1547005383792515<=scoreRea<=1.2524485821702989 ^ 11.082570599674515<=scoreProtTaxo<=33.413640851598345 ^ 7.335639963672055E-5<=scorePageRankTopoDiv<=8.351353906970459E-5 (7)
class DEGRADATION IF : 0.8041247051007595<=scoreRea<=0.816496580927726 ^ 0.0<=scoreProtTaxo<=0.4896220574897665 ^ 9.817141430648813E-5<=scorePageRankTopoDiv<=1.0140742186772612E-4 (5)
class DEGRADATION IF : 0.7745966692414834<=scoreRea<=0.7905694150420949 ^ 14.979713836562523<=scoreProtTaxo<=62.92772912755101 ^ 9.188674496119563E-5<=scorePageRankTopoDiv<=9.344114513260257E-5 (9)
class DEGRADATION IF : 0.9354143466934853<=scoreRea<=1.0 ^ 28.41909081319826<=scoreProtTaxo<=81.7234468469862 ^ 7.509686129369359E-5<=scorePageRankTopoDiv<=8.22600297747681E-5 (10)
class DEGRADATION IF : scoreRea=0.8469010445797931 ^ scoreProtTaxo=29.848706892410423 ^ scorePageRankTopoDiv=9.674817445529926E-5 (2)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 8.076306394889498E-5<=scorePageRankTopoDiv<=8.197307718578433E-5 (8)
class DEGRADATION IF : 0.7494854201795578<=scoreRea<=0.985184366143778 ^ 10.922282224695822<=scoreProtTaxo<=17.77683221349325 ^ 9.980433002573033E-5<=scorePageRankTopoDiv<=1.0634169150311942E-4 (10)
class DEGRADATION IF : 1.018350154434631<=scoreRea<=1.224744871391589 ^ 22.39494298336476<=scoreProtTaxo<=30.169323270783604 ^ 9.814808299652264E-5<=scorePageRankTopoDiv<=9.975494599478356E-5 (10)
class DEGRADATION IF : 1.0954451150103324<=scoreRea<=1.1547005383792515 ^ scoreProtTaxo=0.0 ^ 9.654374763933151E-5<=scorePageRankTopoDiv<=1.0165350230008272E-4 (5)
class DEGRADATION IF : scoreRea=0.9537823244295424 ^ scoreProtTaxo=0.0362368127852091 ^ scorePageRankTopoDiv=9.728342671754269E-5 (4)
class DEGRADATION IF : scoreRea=0.9428090415820634 ^ scoreProtTaxo=40.261490960005546 ^ scorePageRankTopoDiv=9.140981407470723E-5 (3)
class DEGRADATION IF : scoreRea=0.9274777915203366 ^ scoreProtTaxo=0.34489461142032407 ^ scorePageRankTopoDiv=8.803860930748013E-5 (8)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=16.564961694015768 ^ scorePageRankTopoDiv=9.38994836757291E-5 (2)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=8.952154062194338E-5 (8)
class DEGRADATION IF : 0.9746794344808964<=scoreRea<=1.0 ^ 2.460269816937521<=scoreProtTaxo<=4.622017759238929 ^ 7.201957047401327E-5<=scorePageRankTopoDiv<=1.0315296708591542E-4 (13)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.069895169067138E-5 (3)

class DEGRADATION IF : 0.45374260648651504<=scoreRea<=0.4629100498862757 ^ 0.0<=scoreProtTaxo<=1.8771129021538737 ^ 9.224164089012893E-5<=scorePageRankTopoDiv<=1.0071405108661644E-4 (6)

class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.6708203932499369 ^ 274.70343271754246<=scoreProtTaxo<=766.5790693441894 ^ 4.5131690253895185E-5<=scorePageRankTopoDiv<=1.2501321987107045E-4 (26)

class BIOSYNTHESIS IF : 0.3779644730092272<=scoreRea<=0.5773502691896257 ^ 6.102381276116212<=scoreProtTaxo<=11.022017678245241 ^ 1.8888026238506796E-4<=scorePageRankTopoDiv<=2.0115792013336494E-4 (19)

class ENERGY IF : scoreRea=0.7150969419341943 ^ scoreProtTaxo=1.6971631401665692 ^ scorePageRankTopoDiv=1.0511897867639374E-4 (6)

class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ 52.65882180233855<=scoreProtTaxo<=797.4352638302629 ^ 1.8282788138177227E-4<=scorePageRankTopoDiv<=2.7540019598240703E-4 (35)

class DEGRADATION IF : 0.2581988897471611<=scoreRea<=2.6457513110645907 ^ 0.0<=scoreProtTaxo<=38.05578532590208 ^ 5.2686476747723835E-5<=scorePageRankTopoDiv<=5.302790721846163E-5 (18)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=122.91212562233233 ^ scorePageRankTopoDiv=1.6215651469509557E-4 (7)

class ENERGY IF : 0.2637521893583148<=scoreRea<=0.3730019232961255 ^ 60.86198732982632<=scoreProtTaxo<=86.07184791481986 ^ 1.6848744964407823E-4<=scorePageRankTopoDiv<=2.3827723637630932E-4 (23)

class BIOSYNTHESIS IF : 1.0954451150103324<=scoreRea<=1.322875655322954 ^ 82.12786352410112<=scoreProtTaxo<=119.36925641394684 ^ 1.0627502598211805E-4<=scorePageRankTopoDiv<=1.1655246691256627E-4 (9)

class BIOSYNTHESIS IF : 1.9148542155126762<=scoreRea<=2.1908902300206647 ^ scoreProtTaxo=0.0 ^ 1.64678663392129E-4<=scorePageRankTopoDiv<=2.181666849824038E-4 (29)

class BIOSYNTHESIS IF : 0.3939192985791677<=scoreRea<=0.7833494518006402 ^ 169.97802057365087<=scoreProtTaxo<=183.56764420773487 ^ 1.253685083966662E-5<=scorePageRankTopoDiv<=7.240151514526351E-5 (17)

class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=0.8498365855987975 ^ 0.0<=scoreProtTaxo<=0.2705728571551526 ^ 1.7988095066634002E-4<=scorePageRankTopoDiv<=1.9845237065041013E-4 (23)

class BIOSYNTHESIS IF : 0.7337993857053428<=scoreRea<=0.7947194142390263 ^ 45.944098229304075<=scoreProtTaxo<=81.91194155996973 ^ 7.613039874230699E-5<=scorePageRankTopoDiv<=7.666851418879933E-5 (16)

class BIOSYNTHESIS IF : 0.2581988897471611<=scoreRea<=0.5477225575051662 ^ 5.532750116334787<=scoreProtTaxo<=7.5348917327195295 ^ 4.1810101055858513E-5<=scorePageRankTopoDiv<=4.352867374835336E-5 (19)

class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 6.722085282994288E-5<=scorePageRankTopoDiv<=7.902934973945932E-5 (20)

class BIOSYNTHESIS IF : 0.6577935144802719<=scoreRea<=0.9428090415820634 ^ 22.113552769424796<=scoreProtTaxo<=135.82372101723521 ^ 9.796435133998824E-5<=scorePageRankTopoDiv<=1.0691434479612118E-4 (21)

class DEGRADATION IF : 0.6340037731068526<=scoreRea<=0.655825835783953 ^ 1.1516798782906763<=scoreProtTaxo<=1.4843251210366566 ^ 7.791134999632446E-5<=scorePageRankTopoDiv<=7.928770882931432E-5 (7)

class BIOSYNTHESIS IF : 0.30151134457776363<=scoreRea<=0.7905694150420949 ^ 17.01863620075732<=scoreProtTaxo<=19.559777958158104 ^ 1.319538661068268E-4<=scorePageRankTopoDiv<=1.9256485630141714E-4 (22)

class ENERGY IF : 0.18650096164806276<=scoreRea<=0.25 ^ 43.03592395740993<=scoreProtTaxo<=159.8937216743261 ^ 1.065214877529157E-4<=scorePageRankTopoDiv<=1.2057775407382344E-4 (14)

class BIOSYNTHESIS IF : 0.2041241452319315<=scoreRea<=0.8100925873009825 ^ 0.84787770446752<=scoreProtTaxo<=1.07488125772181 ^ 4.479895441755911E-5<=scorePageRankTopoDiv<=5.224748600927068E-5 (43)

class BIOSYNTHESIS IF : 1.4142135623730951<=scoreRea<=1.7320508075688772 ^ 0.0<=scoreProtTaxo<=0.0017025599442490314 ^ 2.2512882518055442E-4<=scorePageRankTopoDiv<=2.318761271239482E-4 (9)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.741143000264028 ^ 0.9547413240085996<=scoreProtTaxo<=1.087186042233232 ^ 7.339287726861064E-5<=scorePageRankTopoDiv<=2.2506623584351968E-4 (14)

class BIOSYNTHESIS IF : 1.3764944032233706<=scoreRea<=1.8257418583505536 ^ 0.21419754504487418<=scoreProtTaxo<=0.9059002542530397 ^ 1.4570108837029384E-4<=scorePageRankTopoDiv<=2.873744946297966E-4 (13)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.9671667363256823E-4<=scorePageRankTopoDiv<=1.9910561982231135E-4 (15)

class DEGRADATION IF : scoreRea=1.0 ^ 53.30721343159817<=scoreProtTaxo<=65.92162734927443 ^ 2.0561721671014314E-4<=scorePageRankTopoDiv<=2.1409527794787715E-4 (10)

class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 2.0636566208728405E-4<=scorePageRankTopoDiv<=2.0648542319897373E-4 (8)

class DEGRADATION IF : scoreRea=1.955384722187607 ^ scoreProtTaxo=74.18271953470759 ^ scorePageRankTopoDiv=8.258174752930541E-5 (3)

class ENERGY IF : 0.07715167498104596<=scoreRea<=0.12838814775327387 ^ 2.769418330851198<=scoreProtTaxo<=58.32783116309947 ^ 5.124932507561116E-5<=scorePageRankTopoDiv<=5.800682326550666E-5 (10)

class BIOSYNTHESIS IF : 0.22360679774997896<=scoreRea<=0.2672612419124244 ^ 1.141503527382941<=scoreProtTaxo<=13.075793923503037 ^ 2.623148740185707E-5<=scorePageRankTopoDiv<=2.9645682753051047E-5 (34)

class DEGRADATION IF : scoreRea=0.2587745847533828 ^ scoreProtTaxo=5.139256758115308 ^ scorePageRankTopoDiv=2.3863079676344778E-5 (4)

class DEGRADATION IF : 0.9428090415820634<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 1.4502820216803015E-4<=scorePageRankTopoDiv<=1.4627385295981182E-4 (16)

class BIOSYNTHESIS IF : 2.86038776773677<=scoreRea<=3.4070284908193678 ^ 0.07315322734412<=scoreProtTaxo<=12.354434163067936 ^ 1.2498272102971447E-4<=scorePageRankTopoDiv<=2.4284228051064344E-4 (36)

class DEGRADATION IF : 0.2123976976214366<=scoreRea<=0.25 ^ scoreProtTaxo=0.0 ^ 3.586505967582538E-5<=scorePageRankTopoDiv<=4.13572229377226E-5 (3)

class OTHER IF : 0.16666666666666666<=scoreRea<=0.32163376045133846 ^ 50.57748410849425<=scoreProtTaxo<=60.41469432517077 ^ 9.017824067309039E-6<=scorePageRankTopoDiv<=1.9368859864889623E-5 (31)

class DEGRADATION IF : 0.4330127018922193<=scoreRea<=0.445545919354113 ^ 0.3873573198705962<=scoreProtTaxo<=6.126887661574918 ^ 8.022070904715247E-5<=scorePageRankTopoDiv<=8.382281480674639E-5 (5)

class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.5976143046671968 ^ scoreProtTaxo=0.0 ^ 9.293451231433748E-5<=scorePageRankTopoDiv<=9.543701626424988E-5 (5)

class DEGRADATION IF : scoreRea=0.408248290463863 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=8.759460449880492E-5 (1)

class DEGRADATION IF : 0.49065338146265813<=scoreRea<=0.5 ^ scoreProtTaxo=0.0 ^ 8.136860247612824E-5<=scorePageRankTopoDiv<=8.749759780663291E-5 (8)

class DEGRADATION IF : 0.4264014327112209<=scoreRea<=0.4330127018922193 ^ 0.0<=scoreProtTaxo<=5.833138966641785 ^ 8.865063231330154E-5<=scorePageRankTopoDiv<=9.041648195074965E-5 (5)

class BIOSYNTHESIS IF : scoreRea=0.408248290463863 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.0024486181235397E-4 (3)
class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=0.0 ^ 9.144319250957409E-5<=scorePageRankTopoDiv<=1.0459222146356342E-4 (17)
class BIOSYNTHESIS IF : 0.48507125007266594<=scoreRea<=0.7559289460184544 ^ 14.876157414391628<=scoreProtTaxo<=63.77848346900098 ^ 1.1719585732214434E-4<=scorePageRankTopoDiv<=1.2423485591910442E-4 (30)
class BIOSYNTHESIS IF : 1.35400640077266<=scoreRea<=3.289913283319897 ^ 602.4307334503723<=scoreProtTaxo<=970.2809711123874 ^ 3.2452727807493777E-4<=scorePageRankTopoDiv<=3.6817602382859356E-4 (8)
class BIOSYNTHESIS IF : 0.8637684928578397<=scoreRea<=1.2433397443204184 ^ 0.7182944373783682<=scoreProtTaxo<=0.9403608156667465 ^ 7.247323472250873E-5<=scorePageRankTopoDiv<=9.936154209859977E-5 (14)
class BIOSYNTHESIS IF : 0.6324555320336759<=scoreRea<=1.224744871391589 ^ 122.60072594474337<=scoreProtTaxo<=200.61081401361804 ^ 2.9188234495044796E-4<=scorePageRankTopoDiv<=3.3305101431035033E-4 (17)
class BIOSYNTHESIS IF : 0.18257418583505536<=scoreRea<=0.2041241452319315 ^ 14.689588149434279<=scoreProtTaxo<=29.97574019102781 ^ 4.0274853010570464E-5<=scorePageRankTopoDiv<=4.312415052681157E-5 (9)
class BIOSYNTHESIS IF : 1.23418791690791<=scoreRea<=1.3113263207824053 ^ 0.06597101090331349<=scoreProtTaxo<=0.3271897037728704 ^ 8.513140588286736E-5<=scorePageRankTopoDiv<=1.0676933935888684E-4 (9)
class DEGRADATION IF : 0.09166984970282113<=scoreRea<=0.11065666703449763 ^ 8.256138978357354<=scoreProtTaxo<=12.978394627069473 ^ 4.006361468932858E-5<=scorePageRankTopoDiv<=4.0878463928647076E-5 (5)
class BIOSYNTHESIS IF : 0.8528028654224418<=scoreRea<=1.9094065395649336 ^ 40.57530437366926<=scoreProtTaxo<=108.87019465254258 ^ 7.171085307698987E-5<=scorePageRankTopoDiv<=7.423092402198566E-5 (14)
class BIOSYNTHESIS IF : 0.40451991747794525<=scoreRea<=0.5 ^ 115.83158598876034<=scoreProtTaxo<=207.2058350485641 ^ 7.608576765126553E-5<=scorePageRankTopoDiv<=1.0389569195115525E-4 (29)
class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.4142135623730951 ^ 3.8990465632701667<=scoreProtTaxo<=10.098108594172102 ^ 1.9631626055723037E-4<=scorePageRankTopoDiv<=3.1452413833726796E-4 (22)
class BIOSYNTHESIS IF : 1.0<=scoreRea<=2.390457218668787 ^ 49.98394804062424<=scoreProtTaxo<=64.39521773703277 ^ 4.2983140265073273E-4<=scorePageRankTopoDiv<=6.314128497589322E-4 (27)
class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.6324555320336759 ^ 541.6808091786036<=scoreProtTaxo<=768.5042916331304 ^ 1.5393073014984863E-4<=scorePageRankTopoDiv<=1.886876260565613E-4 (5)
class DETOX IF : scoreRea=1.0 ^ 377.5158590055317<=scoreProtTaxo<=491.60960120855555 ^ 4.210951572447113E-4<=scorePageRankTopoDiv<=4.456494538717275E-4 (8)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class DEGRADATION IF : scoreRea=0.5 ^ scoreProtTaxo=0.0 ^ 1.0859097090239445E-4<=scorePageRankTopoDiv<=1.7901793321744563E-4 (14)
class DEGRADATION IF : 0.692820323027551<=scoreRea<=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 1.072557301339922E-4<=scorePageRankTopoDiv<=1.131934522697916E-4 (6)
class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 80.70483034769947<=scoreProtTaxo<=119.06929966952241 ^ 8.838725777845112E-5<=scorePageRankTopoDiv<=9.297206458788736E-5 (4)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=8.766640028603569E-5 (5)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.757823187181929E-5 (2)
class DEGRADATION IF : 0.6324555320336759<=scoreRea<=0.6340037731068526 ^ 0.893383640077447<=scoreProtTaxo<=3.50222811304394 ^ 8.188483602428256E-5<=scorePageRankTopoDiv<=9.560425960465856E-5 (6)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class DEGRADATION IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.671766544956472E-5 (1)
class ENERGY IF : scoreRea=0.380058475033046 ^ scoreProtTaxo=0.010500103322752346 ^ scorePageRankTopoDiv=8.047646361772154E-5 (4)
class BIOSYNTHESIS IF : 1.0954451150103324<=scoreRea<=1.4142135623730951 ^ 70.22530852940199<=scoreProtTaxo<=244.7833036744955 ^ 1.4704044926818562E-4<=scorePageRankTopoDiv<=2.4042379903186468E-4 (94)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ 138.75068644666334<=scoreProtTaxo<=144.39855030102657 ^ 8.670863232003228E-5<=scorePageRankTopoDiv<=9.025333891358375E-5 (5)
class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.0327955589886444 ^ 30.727284397150104<=scoreProtTaxo<=129.72023262904227 ^ 9.184702952142395E-5<=scorePageRankTopoDiv<=9.207609793394737E-5 (18)
class DETOX IF : 1.1547005383792515<=scoreRea<=1.2374368670764582 ^ 79.79045207230868<=scoreProtTaxo<=103.88592820586676 ^ 2.9939658600643723E-4<=scorePageRankTopoDiv<=3.192543023177126E-4 (10)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 8.00447471683044E-5<=scorePageRankTopoDiv<=9.744629831611159E-5 (31)
class ENERGY IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.0800095601150362E-4 (4)
class BIOSYNTHESIS IF : 0.8451542547285166<=scoreRea<=0.8498365855987975 ^ 0.01636590949191017<=scoreProtTaxo<=132.37326865320478 ^ 5.50176610343286E-5<=scorePageRankTopoDiv<=5.878118824107198E-5 (9)
class BIOSYNTHESIS IF : 1.1547005383792515<=scoreRea<=1.2018504251546631 ^ scoreProtTaxo=0.0 ^ 1.3380877114798815E-4<=scorePageRankTopoDiv<=1.92725864781061E-4 (22)
class BIOSYNTHESIS IF : 1.1514524291646675<=scoreRea<=1.766966877363964 ^ 2.735928597404479<=scoreProtTaxo<=3.227339672091711 ^ 9.279920632191633E-5<=scorePageRankTopoDiv<=1.5383984974384253E-4 (13)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ 47.56580340961178<=scoreProtTaxo<=65.97520195284082 ^ 2.246824997052055E-4<=scorePageRankTopoDiv<=2.631955395236231E-4 (17)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 3.041377624978212E-4<=scorePageRankTopoDiv<=3.298008762231907E-4 (14)
class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=2.14201664188625 ^ 15.742075762667008<=scoreProtTaxo<=86.84275672670222 ^ 9.077163834529936E-5<=scorePageRankTopoDiv<=9.118516690309108E-5 (11)
class DEGRADATION IF : 0.8041247051007595<=scoreRea<=0.816496580927726 ^ 0.0<=scoreProtTaxo<=0.5190213244719686 ^ 1.1821542163722823E-4<=scorePageRankTopoDiv<=1.2267757994319142E-4 (16)
class DEGRADATION IF : 0.6009252125773316<=scoreRea<=0.7071067811865476 ^ 21.637137435383995<=scoreProtTaxo<=34.47987352068098 ^ 7.300051546818665E-5<=scorePageRankTopoDiv<=7.991160054209813E-5 (14)

class DEGRADATION IF : 0.8966167345234256<=scoreRea<=1.4142135623730951 ^ 2.4095196561177734<=scoreProtTaxo<=6.510136530437825 ^ 1.844630092358027E-4<=scorePageRankTopoDiv<=1.9559114106102574E-4 (8)

class DEGRADATION IF : scoreRea=1.854955583040673 ^ scoreProtTaxo=1.1895184214110706 ^ scorePageRankTopoDiv=1.9876999520340293E-4 (3)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 2.0021218094743186E-4<=scorePageRankTopoDiv<=2.014356600793569E-4 (6)

class DEGRADATION IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=0.0 ^ 1.4558263294901127E-4<=scorePageRankTopoDiv<=1.6056093176895363E-4 (4)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=35.474289812226985 ^ scorePageRankTopoDiv=1.708260808783563E-4 (4)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9567744754793968E-4 (4)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.6993287011232575E-4<=scorePageRankTopoDiv<=1.7453643114258828E-4 (9)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.8935139453691235E-4 (3)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.796932685997016E-4<=scorePageRankTopoDiv<=1.8150128145194246E-4 (9)

class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ 1.5263370408995772E-4<=scorePageRankTopoDiv<=1.6334478940908766E-4 (9)

class DEGRADATION IF : 1.713913650100261<=scoreRea<=2.0 ^ 6.790781028238273<=scoreProtTaxo<=7.123150982108755 ^ 1.8279934571149197E-4<=scorePageRankTopoDiv<=2.2805075653909617E-4 (11)

class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.7016811839786362E-4 (4)

class DEGRADATION IF : 1.0<=scoreRea<=1.2649110640673518 ^ 67.41088419467627<=scoreProtTaxo<=69.59562376658221 ^ 1.8621323435720702E-4<=scorePageRankTopoDiv<=1.8902202999632244E-4 (5)

class DEGRADATION IF : 1.224744871391589<=scoreRea<=1.2747548783981961 ^ scoreProtTaxo=0.0 ^ 1.7356471165330003E-4<=scorePageRankTopoDiv<=1.869441828479762E-4 (12)

class DEGRADATION IF : scoreRea=1.0954451150103324 ^ 102.16537911750638<=scoreProtTaxo<=119.36925641394684 ^ 1.1655246691256629E-4<=scorePageRankTopoDiv<=1.2415402697963014E-4 (4)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.2488847230861333E-4 (2)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ 203.22660501475306<=scoreProtTaxo<=497.4811236160592 ^ scorePageRankTopoDiv=9.184702952142395E-5 (15)

class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.6567412817495268E-4 (5)

class BIOSYNTHESIS IF : 0.31622776601683794<=scoreRea<=0.4714045207910317 ^ 78.57142496387931<=scoreProtTaxo<=107.58985969873252 ^ 3.8284518337852805E-5<=scorePageRankTopoDiv<=4.917246794022648E-5 (37)

class BIOSYNTHESIS IF : 1.1881770515720091<=scoreRea<=1.224744871391589 ^ scoreProtTaxo=0.0 ^ 9.421736842897945E-5<=scorePageRankTopoDiv<=1.1442075717380128E-4 (10)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.574313867155294E-4 (2)

class BIOSYNTHESIS IF : 0.34050261230349943<=scoreRea<=0.7977240352174656 ^ 3.0602949519508496<=scoreProtTaxo<=10.185522301794693 ^ 1.715229030060865E-5<=scorePageRankTopoDiv<=3.147447837678314E-5 (22)

class ENERGY IF : 0.14744195615489714<=scoreRea<=0.32732683535398854 ^ 1.0121983138172692<=scoreProtTaxo<=1.9978761838910137 ^ 1.2608413347989437E-4<=scorePageRankTopoDiv<=1.890485460452404E-4 (11)

class BIOSYNTHESIS IF : scoreRea=1.4960909156069733 ^ scoreProtTaxo=0.13138491890319684 ^ scorePageRankTopoDiv=1.0996690323666944E-4 (4)

class BIOSYNTHESIS IF : 0.8498365855987975<=scoreRea<=1.0741723110591495 ^ 0.3514065322154995<=scoreProtTaxo<=0.49235956602335174 ^ 8.767676776912525E-5<=scorePageRankTopoDiv<=1.3469499829656941E-4 (18)

class DEGRADATION IF : 0.1666666666666666<=scoreRea<=0.3535533905932738 ^ 120.44252652744328<=scoreProtTaxo<=169.67173104287173 ^ 9.357090688646382E-5<=scorePageRankTopoDiv<=1.008230936271939E-4 (7)

class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=1.2649110640673518 ^ 683.722406473152<=scoreProtTaxo<=2285.021645022659 ^ 9.184702952142395E-5<=scorePageRankTopoDiv<=3.3611575163561925E-4 (43)

class BIOSYNTHESIS IF : 0.9274777915203366<=scoreRea<=1.0954451150103324 ^ 0.0<=scoreProtTaxo<=0.3136103074603237 ^ 8.476168618352132E-5<=scorePageRankTopoDiv<=8.770529561401202E-5 (22)

class BIOSYNTHESIS IF : 0.7001400420140049<=scoreRea<=0.7745966692414834 ^ 0.0<=scoreProtTaxo<=0.011411785960777153 ^ 1.1399210988284985E-4<=scorePageRankTopoDiv<=1.2369853738259412E-4 (38)

class BIOSYNTHESIS IF : 0.8498365855987975<=scoreRea<=0.9274777915203366 ^ 0.0<=scoreProtTaxo<=0.17684850252398204 ^ 1.1884249895025044E-4<=scorePageRankTopoDiv<=1.336146798704194E-4 (11)

class DEGRADATION IF : 1.889822365046136<=scoreRea<=2.0 ^ scoreProtTaxo=0.0 ^ 1.2475533424711406E-4<=scorePageRankTopoDiv<=1.280016077304211E-4 (2)

class BIOSYNTHESIS IF : 0.31622776601683794<=scoreRea<=0.6183469424008422 ^ 10.926420578880442<=scoreProtTaxo<=12.156635704251286 ^ 2.5481468240134802E-5<=scorePageRankTopoDiv<=3.212687966439753E-5 (13)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ 9.184702952142395E-5<=scorePageRankTopoDiv<=1.0101442288769912E-4 (5)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=35.24228074716164 ^ scorePageRankTopoDiv=9.184702952142395E-5 (5)

class BIOSYNTHESIS IF : scoreRea=1.3981241472851111 ^ scoreProtTaxo=21.378116572226567 ^ scorePageRankTopoDiv=9.381569842146049E-5 (2)

class BIOSYNTHESIS IF : 0.11826247919781653<=scoreRea<=2.0225995873897267 ^ 10.776152121488197<=scoreProtTaxo<=105.49746842477356 ^ 9.396036002192474E-5<=scorePageRankTopoDiv<=9.557427168280585E-5 (19)

class BIOSYNTHESIS IF : 0.4472135954999579<=scoreRea<=1.651445647689541 ^ 15.874507866387544<=scoreProtTaxo<=80.22722087675474 ^ 8.395834738030331E-5<=scorePageRankTopoDiv<=9.05851900355019E-5 (56)

class DEGRADATION IF : scoreRea=1.2747548783981961 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.0154910594416097E-4 (4)

class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=1.0 ^ 202.1185360063624<=scoreProtTaxo<=212.76058532225056 ^ 4.679126315010273E-5<=scorePageRankTopoDiv<=6.290816188871419E-5 (10)

class BIOSYNTHESIS IF : 0.2231780211373287<=scoreRea<=0.5686020318963798 ^ 0.7364232486787674<=scoreProtTaxo<=131.3492737973759 ^ 5.735621962844952E-5<=scorePageRankTopoDiv<=5.839220869253309E-5 (29)

class DEGRADATION IF : 0.7453559924999298<=scoreRea<=0.7453559924999299 ^ 38.17176001418311<=scoreProtTaxo<=42.46577637766384 ^ 5.201708028526716E-5<=scorePageRankTopoDiv<=6.246401784808223E-5 (7)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ 105.5777543909937<=scoreProtTaxo<=196.07813179808738 ^ 1.695742324714891E-4<=scorePageRankTopoDiv<=2.0341900322563264E-4 (17)

class DEGRADATION IF : 0.23570226039551584<=scoreRea<=0.2581988897471611 ^ 0.0<=scoreProtTaxo<=15.067688831635602 ^ 1.1838338946480182E-4<=scorePageRankTopoDiv<=1.2540296301974467E-4 (11)

class BIOSYNTHESIS IF : scoreRea=0.08770580193070292 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.0377721218307198E-4 (4)

class OTHER IF : scoreRea=1.7320508075688772 ^ scoreProtTaxo=113.37384803240559 ^ scorePageRankTopoDiv=9.025333891358375E-5 (2)

class BIOSYNTHESIS IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=0.0 ^ 8.060115160269311E-5<=scorePageRankTopoDiv<=9.008636540561074E-5 (7)
class DEGRADATION IF : scoreRea=1.0 ^ 459.13672922216<=scoreProtTaxo<=481.6843064871512 ^ 1.7909922888682906E-4<=scorePageRankTopoDiv<=3.40464408328133E-4 (6)
class BIOSYNTHESIS IF : 1.8257418583505536<=scoreRea<=3.265986323710904 ^ 33.12248386674865<=scoreProtTaxo<=136.42726041965906 ^ 2.1269607686288917E-4<=scorePageRankTopoDiv<=2.3234515563282242E-4 (20)
class BIOSYNTHESIS IF : 0.7745966692414834<=scoreRea<=0.8177595307636584 ^ 0.0<=scoreProtTaxo<=2.037106752619959 ^ 5.453708571594084E-5<=scorePageRankTopoDiv<=5.7664954295475665E-5 (10)
class ENERGY IF : 0.08099238707340584<=scoreRea<=0.14201432049934526 ^ 22.740488618689128<=scoreProtTaxo<=74.32767683331349 ^ 3.515238536038338E-5<=scorePageRankTopoDiv<=4.331378370561842E-5 (32)
class ENERGY IF : 0.4714045207910317<=scoreRea<=0.7071067811865476 ^ 5.131234358813483<=scoreProtTaxo<=6.047393765526435 ^ 7.701995272183148E-5<=scorePageRankTopoDiv<=1.2947129383306984E-4 (14)
class ENERGY IF : 0.1851640199545103<=scoreRea<=0.21908902300206645 ^ 1.0815175480053552<=scoreProtTaxo<=1.3687047831034047 ^ 3.912445526789275E-5<=scorePageRankTopoDiv<=4.770101382830417E-5 (7)
class ENERGY IF : scoreRea=0.23735633163877065 ^ scoreProtTaxo=8.146624267430086 ^ scorePageRankTopoDiv=7.71820203608201E-5 (2)
class ENERGY IF : 0.14638501094227999<=scoreRea<=0.3039305703971088 ^ 0.005236462280125203<=scoreProtTaxo<=0.041096692455940075 ^ 7.542658385848098E-5<=scorePageRankTopoDiv<=8.811181365903088E-5 (9)
class ENERGY IF : scoreRea=0.24618298195866548 ^ scoreProtTaxo=5.306184827620615 ^ scorePageRankTopoDiv=5.09704620784785E-5 (8)
class ENERGY IF : 0.16666666666666666<=scoreRea<=0.20701966780270625 ^ 0.058119499839866515<=scoreProtTaxo<=0.16287691064839444 ^ 7.259786429147831E-5<=scorePageRankTopoDiv<=1.0666929785613536E-4 (15)
class ENERGY IF : scoreRea=0.37399695868987537 ^ scoreProtTaxo=2.176539670611231 ^ scorePageRankTopoDiv=6.928775513126102E-5 (3)
class ENERGY IF : 0.39749048208014426<=scoreRea<=0.49065338146265813 ^ 0.01202320036306871<=scoreProtTaxo<=0.7345465850667467 ^ 6.0236816739474416E-5<=scorePageRankTopoDiv<=6.0598885144221155E-5 (8)
class ENERGY IF : scoreRea=0.3370999312316211 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.778651896076734E-5 (4)
class ENERGY IF : scoreRea=0.19364916731037085 ^ scoreProtTaxo=4.743266578047228 ^ scorePageRankTopoDiv=6.766148967933868E-5 (2)
class ENERGY IF : scoreRea=0.2683281572999748 ^ scoreProtTaxo=1.3245830702395656 ^ scorePageRankTopoDiv=5.84215720463948E-5 (4)
class ENERGY IF : 0.14285714285714285<=scoreRea<=0.21320071635561044 ^ 0.4767035715081458<=scoreProtTaxo<=0.7353385010338678 ^ 6.663890312950396E-5<=scorePageRankTopoDiv<=9.013481199149459E-5 (6)
class ENERGY IF : scoreRea=0.20100756305184242 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.164581976670261E-5 (2)
class ENERGY IF : 0.11826247919781653<=scoreRea<=0.1889822365046136 ^ 35.1112974762364<=scoreProtTaxo<=84.87073599036444 ^ 6.42247008249192E-5<=scorePageRankTopoDiv<=8.08551988877341E-5 (29)
class ENERGY IF : 0.18569533817705186<=scoreRea<=0.20788767860257112 ^ 14.185160517004936<=scoreProtTaxo<=56.017774202359035 ^ 5.557479307499183E-5<=scorePageRankTopoDiv<=6.377510375064118E-5 (7)
class BIOSYNTHESIS IF : scoreRea=0.24743582965269675 ^ scoreProtTaxo=45.577594029084196 ^ scorePageRankTopoDiv=6.303181454151838E-5 (4)
class DEGRADATION IF : 0.7071067811865476<=scoreRea<=1.0 ^ 333.2922381910363<=scoreProtTaxo<=335.05701833979776 ^ 1.2080198612630699E-4<=scorePageRankTopoDiv<=1.4530708930785835E-4 (9)
class DEGRADATION IF : 1.0<=scoreRea<=1.0954451150103321 ^ 54.927732910784854<=scoreProtTaxo<=69.7429349678668 ^ 1.0547963298888047E-4<=scorePageRankTopoDiv<=1.1900372627817683E-4 (6)
class DEGRADATION IF : scoreRea=0.5 ^ scoreProtTaxo=71.88664045309517 ^ scorePageRankTopoDiv=5.046510182258221E-5 (5)
class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.2181717835020451E-4 (3)
class BIOSYNTHESIS IF : 0.4330127018922193<=scoreRea<=0.7071067811865476 ^ 2.368391006896105<=scoreProtTaxo<=45.87562987521707 ^ 3.4589070071606805E-5<=scorePageRankTopoDiv<=3.918752838690245E-5 (21)
class DEGRADATION IF : scoreRea=0.5773502691896257 ^ 16.241979271931093<=scoreProtTaxo<=16.967711271902253 ^ 1.3994040384206641E-4<=scorePageRankTopoDiv<=1.4353561834606595E-4 (9)
class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 53.1394565838685<=scoreProtTaxo<=156.685537438235 ^ 1.7250657726510578E-4<=scorePageRankTopoDiv<=1.7700450746818247E-4 (11)
class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=0.8563488385776752 ^ scoreProtTaxo=0.0 ^ 1.1588081705557356E-4<=scorePageRankTopoDiv<=1.1676393832346643E-4 (9)
class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=1.0 ^ 55.5178349721961<=scoreProtTaxo<=165.08662498808434 ^ 1.1966643069700278E-4<=scorePageRankTopoDiv<=1.276882886463082E-4 (12)
class BIOSYNTHESIS IF : 1.5491933384829668<=scoreRea<=3.7416573867739413 ^ 103.17385445279729<=scoreProtTaxo<=1032.1323526036228 ^ 1.6550584019747294E-4<=scorePageRankTopoDiv<=2.0794659757250114E-4 (35)
class DEGRADATION IF : 0.09421114395319916<=scoreRea<=0.2401922307076307 ^ 105.54140231826986<=scoreProtTaxo<=158.4040314229278 ^ 1.85814553170896E-5<=scorePageRankTopoDiv<=4.761594272264702E-5 (16)
class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=2.6111648393354674 ^ 0.0<=scoreProtTaxo<=207.6349165468604 ^ 4.100990388848989E-4<=scorePageRankTopoDiv<=4.219107144029883E-4 (32)
class OTHER IF : 0.15075567228888181<=scoreRea<=0.2041241452319315 ^ 7.058491402900568<=scoreProtTaxo<=24.85219968434863 ^ 7.863745812978191E-5<=scorePageRankTopoDiv<=9.135602271849298E-5 (3)
class DEGRADATION IF : 0.816496580927726<=scoreRea<=0.8320502943378437 ^ 54.93483103796865<=scoreProtTaxo<=159.97631877899414 ^ 1.7376808566874698E-4<=scorePageRankTopoDiv<=1.8198932974737E-4 (20)
class BIOSYNTHESIS IF : 0.5720775535473553<=scoreRea<=1.6858544608470492 ^ 1.2185788425532535<=scoreProtTaxo<=1.254188385269777 ^ 1.3565745805312304E-4<=scorePageRankTopoDiv<=1.5188589615391725E-4 (16)
class BIOSYNTHESIS IF : 0.30151134457776363<=scoreRea<=0.48507125007266594 ^ 43.97644267557982<=scoreProtTaxo<=237.94152843872973 ^ 1.5181458419799012E-4<=scorePageRankTopoDiv<=1.622561555051185E-4 (24)
class OTHER IF : scoreRea=0.2773500981126146 ^ scoreProtTaxo=10.349540531628243 ^ scorePageRankTopoDiv=4.731675223938819E-5 (7)
class BIOSYNTHESIS IF : scoreRea=1.1677484162422844 ^ scoreProtTaxo=10.279653168918027E-5 (5)
class DEGRADATION IF : 0.18257418583505536<=scoreRea<=0.258198889741611 ^ 20.29655143121609<=scoreProtTaxo<=27.408620731817063 ^ 6.379348993329522E-5<=scorePageRankTopoDiv<=6.679800841717476E-5 (11)
class BIOSYNTHESIS IF : 0.4264014327112209<=scoreRea<=0.42857142857142855 ^ 0.0<=scoreProtTaxo<=16.493671914133294 ^ 1.3819175744626106E-4<=scorePageRankTopoDiv<=1.5471251659915627E-4 (9)

class BIOSYNTHESIS IF : scoreRea=0.3535533905932738 ^ scoreProtTaxo=22.65668793082446 ^ scorePageRankTopoDiv=1.6950971007434574E-4 (13)
class OTHER IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=109.62502934472009 ^ scorePageRankTopoDiv=3.6792614690010723E-4 (4)
class ENERGY IF : 0.31622776601683794<=scoreRea<=0.32714432804381227 ^ 0.6004119665829322<=scoreProtTaxo<=4.484080035378623 ^ 3.226244283908063E-
5<=scorePageRankTopoDiv<=3.72149218380753E-5 (9)
class DEGRADATION IF : 0.07147416898918632<=scoreRea<=0.5052911526399113 ^ scoreProtTaxo=0.0 ^ 1.7203438390870207E-5<=scorePageRankTopoDiv<=2.2300141489819972E-5
(22)
class OTHER IF : scoreRea=1.0 ^ 294.5535714285243<=scoreProtTaxo<=325.270349094411 ^ 2.0341900322563264E-4<=scorePageRankTopoDiv<=2.0507683798991577E-4 (10)
class BIOSYNTHESIS IF : 1.1952286093343936<=scoreRea<=1.61245154965971 ^ 0.16194510804587167<=scoreProtTaxo<=54.44846840950304 ^ 3.3376497294104843E-
4<=scorePageRankTopoDiv<=3.5209617300788025E-4 (15)
class BIOSYNTHESIS IF : 0.18257418583505536<=scoreRea<=0.2041241452319315 ^ 0.7532020994315557<=scoreProtTaxo<=32.6965054097352 ^ 2.312808880264647E-
5<=scorePageRankTopoDiv<=3.4896462935919714E-5 (23)
class BIOSYNTHESIS IF : 1.0954451150103321<=scoreRea<=1.0954451150103324 ^ scoreProtTaxo=47.31651754796645 ^ scorePageRankTopoDiv=1.1230007606831941E-4 (5)
class BIOSYNTHESIS IF : 0.3535533905932738<=scoreRea<=1.0 ^ 35.772357723564<=scoreProtTaxo<=322.6091560103118 ^ 1.3198585967944532E-
4<=scorePageRankTopoDiv<=1.3306746816423162E-4 (18)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 1.293202030337335E-4<=scorePageRankTopoDiv<=1.333663591583185E-4 (14)
class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=0.8451542547285166 ^ 9.263985137001498<=scoreProtTaxo<=24.028327953004528 ^ 2.136764660064425E-
4<=scorePageRankTopoDiv<=2.5281930371988685E-4 (9)
class BIOSYNTHESIS IF : 0.23570226039551584<=scoreRea<=0.25 ^ 0.0<=scoreProtTaxo<=0.8988650644845613 ^ 1.071197779640557E-
4<=scorePageRankTopoDiv<=1.1719969391414448E-4 (7)
class DEGRADATION IF : 0.04879500364742666<=scoreRea<=0.09258200997725514 ^ 25.472692692038926<=scoreProtTaxo<=108.39077309645593 ^ 1.806864911473614E-
5<=scorePageRankTopoDiv<=2.7793795106385645E-5 (25)
class OTHER IF : 0.8528028654224418<=scoreRea<=1.0 ^ 10.482301979492092<=scoreProtTaxo<=28.17578747790379 ^ 9.184702952142395E-
5<=scorePageRankTopoDiv<=9.351198002934252E-5 (11)
class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 0.0<=scoreProtTaxo<=30.48079304932964 ^ 5.3154500055403816E-
5<=scorePageRankTopoDiv<=5.5882189113535004E-5 (15)
class BIOSYNTHESIS IF : 0.6793662204867574<=scoreRea<=0.775791113542719 ^ 0.0<=scoreProtTaxo<=0.0709936559865042 ^ 1.3585363833144514E-
4<=scorePageRankTopoDiv<=1.419800023207035E-4 (24)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.33480015484179E-4<=scorePageRankTopoDiv<=1.3671629379591788E-4 (8)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.6552917690418017E-4<=scorePageRankTopoDiv<=1.6968382380836306E-4 (15)
class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=0.816496580927726 ^ 78.02205121755242<=scoreProtTaxo<=310.4692444030603 ^ 1.4006546779844433E-
4<=scorePageRankTopoDiv<=1.5967022554404776E-4 (10)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=27.6271696741116 ^ scorePageRankTopoDiv=1.630244314637863E-4 (4)
class BIOSYNTHESIS IF : 0.8498365855987975<=scoreRea<=0.8819171036881968 ^ 0.0<=scoreProtTaxo<=0.02987286337893175 ^ 1.6014420706100203E-
4<=scorePageRankTopoDiv<=1.7597335020488872E-4 (6)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.413963764486109E-4 (1)
class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=0.816496580927726 ^ 3.6899216336007026<=scoreProtTaxo<=4.0834889947534485 ^ 8.267082416947604E-
5<=scorePageRankTopoDiv<=2.7107121994508987E-4 (7)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.4183238468692228E-4<=scorePageRankTopoDiv<=1.4208373799633385E-4 (7)
class BIOSYNTHESIS IF : 0.6123724356957945<=scoreRea<=0.8498365855987975 ^ 2.1684886029206134<=scoreProtTaxo<=2.2017607556010725 ^ 1.518898979278972E-
4<=scorePageRankTopoDiv<=2.6238879696150873E-4 (7)
class BIOSYNTHESIS IF : scoreRea=0.8660254037844386 ^ scoreProtTaxo=0.0 ^ 1.4138985419279236E-4<=scorePageRankTopoDiv<=1.5691800610686908E-4 (16)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.426170215875551E-4<=scorePageRankTopoDiv<=1.4491894953559909E-4 (6)
class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 1.570005579549546E-4<=scorePageRankTopoDiv<=1.5739447872831032E-4 (8)
class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=1.0 ^ 12.33487673829909<=scoreProtTaxo<=220.12790894432126 ^ 1.4036841679306012E-
4<=scorePageRankTopoDiv<=1.60770434204676E-4 (27)
class DEGRADATION IF : 0.7001400420140049<=scoreRea<=0.9309493362512627 ^ 12.36247558554131<=scoreProtTaxo<=116.8689224308081 ^ 1.1254972809590294E-
4<=scorePageRankTopoDiv<=1.1715656138055222E-4 (34)
class DEGRADATION IF : 0.3723646897664626<=scoreRea<=0.5345224838248488 ^ scoreProtTaxo=0.0 ^ 5.9327432063423745E-5<=scorePageRankTopoDiv<=6.385494276414651E-5
(19)
class OTHER IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.673579070415349E-5 (1)
class OTHER IF : scoreRea=0.18156825980064073 ^ scoreProtTaxo=21.804187367254194 ^ scorePageRankTopoDiv=4.6880309815237896E-5 (2)
class OTHER IF : scoreRea=1.0801234497346432 ^ scoreProtTaxo=80.10792330008738 ^ scorePageRankTopoDiv=7.039467061986714E-5 (1)
class OTHER IF : scoreRea=0.5 ^ scoreProtTaxo=193.6710726321274 ^ scorePageRankTopoDiv=5.787400974552743E-5 (9)
class OTHER IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.735966100425115E-5 (3)
class OTHER IF : 0.3396831102433787<=scoreRea<=0.3922322702763681 ^ 36.03337000244279<=scoreProtTaxo<=64.44969605773143 ^ 3.8086671000353744E-
5<=scorePageRankTopoDiv<=3.8884620735136614E-5 (7)
class OTHER IF : scoreRea=0.6590820436573076 ^ scoreProtTaxo=16.279956356046515 ^ scorePageRankTopoDiv=7.885620403142671E-5 (1)
class OTHER IF : scoreRea=0.7745966692414834 ^ scoreProtTaxo=53.734496423617 ^ scorePageRankTopoDiv=7.774312429831847E-5 (3)
class OTHER IF : scoreRea=1.044465935734187 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.556201102852384E-5 (3)
class OTHER IF : scoreRea=0.654636707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.51875193871095E-5 (3)
class OTHER IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=158.79296259232737 ^ scorePageRankTopoDiv=5.673579070415349E-5 (3)
class OTHER IF : 0.3922322702763681<=scoreRea<=0.408248290463863 ^ 8.609939537894114<=scoreProtTaxo<=23.547981101223865 ^ 3.8884620735136614E-
5<=scorePageRankTopoDiv<=4.7523107196888775E-5 (9)
class OTHER IF : 0.9554425212028317<=scoreRea<=1.044465935734187 ^ 0.0<=scoreProtTaxo<=0.0875166975021412 ^ 6.728558346708853E-
5<=scorePageRankTopoDiv<=6.881127796865302E-5 (12)
class OTHER IF : 0.3872983346207417<=scoreRea<=0.408248290463863 ^ 40.06437409876283<=scoreProtTaxo<=47.54718111935941 ^ 6.086380563487903E-
5<=scorePageRankTopoDiv<=7.323460746215443E-5 (7)
class OTHER IF : scoreRea=0.40206235255037975 ^ scoreProtTaxo=0.18178615015434169 ^ scorePageRankTopoDiv=5.203961345268193E-5 (2)

class OTHER IF : scoreRea=0.5462951617043315 ^ scoreProtTaxo=0.5947363999761335 ^ scorePageRankTopoDiv=4.583609822462573E-5 (4)
class OTHER IF : 0.32025630761017426<=scoreRea<=0.49507377148833714 ^ 39.60578401929289<=scoreProtTaxo<=96.40149730579888 ^ 4.960844882259927E-5<=scorePageRankTopoDiv<=5.273409131160857E-5 (6)
class OTHER IF : scoreRea=0.4714045207910317 ^ scoreProtTaxo=18.82846753284995 ^ scorePageRankTopoDiv=5.638905553981655E-5 (2)
class OTHER IF : scoreRea=0.8770580193070292 ^ scoreProtTaxo=61.90623858885454 ^ scorePageRankTopoDiv=5.637178992061003E-5 (3)
class OTHER IF : 0.25677629550654774<=scoreRea<=0.5773502691896257 ^ 30.83577491294994<=scoreProtTaxo<=32.56157357141713 ^ 6.448584985880469E-5<=scorePageRankTopoDiv<=6.629876994896196E-5 (16)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.08182885492431484 ^ scorePageRankTopoDiv=5.673579070415349E-5 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.0507683798991577E-4 (2)
class OTHER IF : 0.24397501823713327<=scoreRea<=0.44781107551989907 ^ 29.521443347764954<=scoreProtTaxo<=38.509613026640984 ^ 2.0674138746251432E-5<=scorePageRankTopoDiv<=2.152043334018977E-5 (18)
class BIOSYNTHESIS IF : scoreRea=0.5547001962252291 ^ scoreProtTaxo=27.102885552202117 ^ scorePageRankTopoDiv=8.236502969785701E-5 (2)
class DEGRADATION IF : 0.28867513459481287<=scoreRea<=0.2988071523335984 ^ 21.952190576265732<=scoreProtTaxo<=30.177599308096063 ^ 2.4269456232019226E-5<=scorePageRankTopoDiv<=4.027485301057047E-5 (18)
class BIOSYNTHESIS IF : 0.5504818825631803<=scoreRea<=0.7933470778425575 ^ 10.84536134295424<=scoreProtTaxo<=81.22294317160403 ^ 4.197659114448056E-5<=scorePageRankTopoDiv<=5.060159247463918E-5 (37)
class DETOX IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.49456574064399E-5 (1)
class DETOX IF : scoreRea=0.4714045207910317 ^ scoreProtTaxo=5.626160592721068 ^ scorePageRankTopoDiv=1.8579819527032382E-4 (3)
class DETOX IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=63.12025864186631 ^ scorePageRankTopoDiv=1.7909317517514394E-4 (3)
class DETOX IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.7121731471953552E-4 (2)
class DETOX IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.653816457352169E-4 (3)
class DETOX IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.5033597960863803E-4 (3)
class DETOX IF : scoreRea=1.5 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3793280935725012E-4 (3)
class DETOX IF : scoreRea=0.3333333333333333 ^ scoreProtTaxo=3.978296307157593 ^ scorePageRankTopoDiv=1.313791638078683E-4 (3)
class DETOX IF : scoreRea=0.21821789023599236 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1724400452715474E-4 (6)
class DETOX IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.0815609884967573E-4 (5)
class DETOX IF : 0.28867513459481287<=scoreRea<=0.3086066999241838 ^ scoreProtTaxo=0.0 ^ 1.1754985763092038E-4<=scorePageRankTopoDiv<=2.2198230760370834E-4 (13)
class DETOX IF : scoreRea=1.1677484162422844 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.0311728461534989E-4 (2)
class DETOX IF : scoreRea=1.5491933384829668 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.927764921033681E-5 (1)
class DETOX IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=136.4722494436797 ^ scorePageRankTopoDiv=9.957483086475267E-5 (2)
class DETOX IF : scoreRea=1.0274023338281626 ^ scoreProtTaxo=35.59127779829795 ^ scorePageRankTopoDiv=9.314989437145699E-5 (2)
class DETOX IF : scoreRea=1.1649647450214349 ^ scoreProtTaxo=145.869357387843 ^ scorePageRankTopoDiv=5.289018487006144E-5 (2)
class DETOX IF : scoreRea=0.21821789023599236 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.327543175025379E-5 (6)
class DETOX IF : scoreRea=0.8660254037844386 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=8.677801489810921E-5 (4)
class DETOX IF : scoreRea=1.1547005383792515 ^ scoreProtTaxo=10.736953861194982 ^ scorePageRankTopoDiv=6.592735397720618E-5 (2)
class DETOX IF : scoreRea=0.9428090415820634 ^ scoreProtTaxo=28.33725463058259 ^ scorePageRankTopoDiv=7.382789095532152E-5 (4)
class DETOX IF : scoreRea=0.8257228238447705 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.291493120905716E-5 (2)
class BIOSYNTHESIS IF : 0.6488856845230502<=scoreRea<=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 6.164120344039986E-5<=scorePageRankTopoDiv<=6.350873347874623E-5 (19)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.515433611321339E-4 (6)
class OTHER IF : scoreRea=2.1032382440206603 ^ scoreProtTaxo=0.032200144283896934 ^ scorePageRankTopoDiv=2.089653430203537E-4 (6)
class BIOSYNTHESIS IF : 3.618347271170902<=scoreRea<=6.323973992579629 ^ 4.17119000018096<=scoreProtTaxo<=29.932079089972547 ^ 2.7861408614411143E-4<=scorePageRankTopoDiv<=4.491850260334036E-4 (11)
class BIOSYNTHESIS IF : scoreRea=3.7859388972001824 ^ scoreProtTaxo=1.5438918689156014 ^ scorePageRankTopoDiv=5.0759790640253544E-5 (7)
class BIOSYNTHESIS IF : 0.6454972243679028<=scoreRea<=1.860521018838127 ^ 1.786383293240843<=scoreProtTaxo<=2.1278986237028517 ^ 1.1603744675636554E-4<=scorePageRankTopoDiv<=1.221292855312842E-4 (26)
class DEGRADATION IF : 0.4472135954999579<=scoreRea<=1.0 ^ 86.77558163807879<=scoreProtTaxo<=152.79187765288137 ^ 1.3520119512554292E-4<=scorePageRankTopoDiv<=1.399925842034762E-4 (20)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=168.14999256616102 ^ scorePageRankTopoDiv=1.3114233478901078E-4 (7)
class DEGRADATION IF : scoreRea=0.5773502691896257 ^ 35.276659918992415<=scoreProtTaxo<=40.259317459798886 ^ 1.1001563219750556E-4<=scorePageRankTopoDiv<=1.1076060971949355E-4 (12)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3535170583744646E-4 (1)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3276998503471255E-4 (4)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.378098766816995E-4 (4)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 1.4943057764010143E-4<=scorePageRankTopoDiv<=1.5357082380142837E-4 (9)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=3.675466178295334 ^ scorePageRankTopoDiv=1.216405836434982E-4 (5)
class DEGRADATION IF : scoreRea=0.6454972243679028 ^ scoreProtTaxo=0.08101161375304392 ^ scorePageRankTopoDiv=1.474440601213266E-4 (4)
class DEGRADATION IF : scoreRea=0.9274777915203366 ^ scoreProtTaxo=0.9481027057697574 ^ scorePageRankTopoDiv=1.3124640696624947E-4 (2)
class DEGRADATION IF : scoreRea=0.6236095644623235 ^ scoreProtTaxo=4.634759947408514 ^ scorePageRankTopoDiv=1.4429449547506584E-4 (2)
class DEGRADATION IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=37.27112086645609 ^ scorePageRankTopoDiv=1.422812003992657E-4 (1)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.437745131890555E-4 (3)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.270951021637754E-4 (5)
class DEGRADATION IF : 0.6859943405700354<=scoreRea<=0.816496580927726 ^ 37.27112086645608<=scoreProtTaxo<=192.08347951924614 ^ 1.275528766157473E-4<=scorePageRankTopoDiv<=1.3077444691159042E-4 (11)
class DEGRADATION IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=0.0 ^ 1.2621347934763986E-4<=scorePageRankTopoDiv<=1.5558559912676252E-4 (7)
class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.6030226891555273 ^ scoreProtTaxo=0.0 ^ 1.253709265304216E-4<=scorePageRankTopoDiv<=1.4445450974778128E-4 (7)
class BIOSYNTHESIS IF : scoreRea=0.6605782590758164 ^ scoreProtTaxo=10.60549955225613 ^ scorePageRankTopoDiv=1.163644044771755E-4 (3)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.5491933384829668 ^ scoreProtTaxo=0.0 ^ 2.5468431845195196E-4<=scorePageRankTopoDiv<=2.5693283752330506E-4 (9)
class BIOSYNTHESIS IF : 0.8498365855987975<=scoreRea<=0.8944271909999159 ^ 0.18874604428679911<=scoreProtTaxo<=0.9389651216804074 ^ 1.6829596743622756E-4<=scorePageRankTopoDiv<=1.6920558443768528E-4 (3)
class BIOSYNTHESIS IF : 1.0377490433255416<=scoreRea<=1.1547005383792515 ^ 0.0<=scoreProtTaxo<=0.006194274740573478 ^ 1.0214790864270169E-4<=scorePageRankTopoDiv<=1.1856194866072717E-4 (22)
class DEGRADATION IF : scoreRea=0.8660254037844386 ^ scoreProtTaxo=149.76606980270952 ^ scorePageRankTopoDiv=2.018023903939492E-4 (4)
class DEGRADATION IF : 0.15836151649297917<=scoreRea<=0.49507377148833714 ^ 0.0<=scoreProtTaxo<=0.0314917783188618 ^ 3.247282870321995E-5<=scorePageRankTopoDiv<=3.507847056660574E-5 (33)
class BIOSYNTHESIS IF : 1.118033988749895<=scoreRea<=2.2771001702132443 ^ 222.4609932657902<=scoreProtTaxo<=539.0003923984657 ^ 7.809608686909931E-5<=scorePageRankTopoDiv<=1.257860095616677E-4 (26)
class BIOSYNTHESIS IF : 2.727851988394575<=scoreRea<=6.2341841409373036 ^ 41.81775198112704<=scoreProtTaxo<=426.4726970783042 ^ 2.572389005929887E-4<=scorePageRankTopoDiv<=4.229094722569427E-4 (30)
class DEGRADATION IF : 0.75<=scoreRea<=1.0 ^ 20.96265560719317<=scoreProtTaxo<=42.330049501311514 ^ 6.446530518817172E-5<=scorePageRankTopoDiv<=6.94933160911338E-5 (12)
class DEGRADATION IF : 0.6009252125773316<=scoreRea<=0.9393364366277243 ^ 0.07514655700527341<=scoreProtTaxo<=0.6377796746836621 ^ 6.672413144499774E-5<=scorePageRankTopoDiv<=6.833813604255634E-5 (18)
class DEGRADATION IF : 0.8744746321952062<=scoreRea<=0.9258200997725514 ^ scoreProtTaxo=0.0 ^ 5.557122140811065E-5<=scorePageRankTopoDiv<=6.655225016107375E-5 (8)
class BIOSYNTHESIS IF : 0.18490006540840973<=scoreRea<=0.28867513459481287 ^ 4.060796026089901<=scoreProtTaxo<=37.18965662133416 ^ 1.8669203833170315E-4<=scorePageRankTopoDiv<=2.482079768896534E-4 (14)
class BIOSYNTHESIS IF : 0.12403473458920845<=scoreRea<=0.2581988897471611 ^ 0.0<=scoreProtTaxo<=0.08306969993895892 ^ 1.258378581959181E-4<=scorePageRankTopoDiv<=1.586938187803185E-4 (22)
class OTHER IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=50.01269874088847 ^ scorePageRankTopoDiv=1.715924490479643E-4 (3)
class DEGRADATION IF : 0.816496580927726<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 3.504179915896579E-4<=scorePageRankTopoDiv<=3.5357794900295656E-4 (4)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.750635775572479E-4<=scorePageRankTopoDiv<=1.7605299533700306E-4 (4)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ 7.411702458499891<=scoreProtTaxo<=23.626209496421488 ^ 1.6607858601140786E-4<=scorePageRankTopoDiv<=1.7412280277644346E-4 (7)
class BIOSYNTHESIS IF : scoreRea=0.408248290463863 ^ scoreProtTaxo=0.0 ^ 7.845604803753864E-5<=scorePageRankTopoDiv<=7.922169601627488E-5 (8)
class BIOSYNTHESIS IF : 0.31622776601683794<=scoreRea<=0.7071067811865476 ^ 108.98440840078962<=scoreProtTaxo<=139.00552347161903 ^ 6.0036908760882205E-5<=scorePageRankTopoDiv<=7.51563674818164E-5 (16)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ 70.03289743182262<=scoreProtTaxo<=158.40387360617618 ^ 3.480039079140226E-4<=scorePageRankTopoDiv<=3.815772077000262E-4 (15)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ 872.5390659413733<=scoreProtTaxo<=1247.2783381883148 ^ 2.2070202400956655E-4<=scorePageRankTopoDiv<=2.61748881563180006E-4 (6)
class ENERGY IF : 1.288181280536124<=scoreRea<=1.3184955758367207 ^ 12.81443337256947<=scoreProtTaxo<=19.90789234210125 ^ 2.2606890757750802E-4<=scorePageRankTopoDiv<=2.518505177794346E-4 (5)
class DEGRADATION IF : 0.125<=scoreRea<=0.18257418583505536 ^ 0.0<=scoreProtTaxo<=43.07890918143643 ^ 4.442793668447999E-5<=scorePageRankTopoDiv<=4.5095808332954006E-5 (14)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ 53.43201654584469<=scoreProtTaxo<=53.61838684574613 ^ 1.8222582181223228E-4<=scorePageRankTopoDiv<=1.8377567901230646E-4 (2)
class OTHER IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.4179066386677404E-4 (1)
class OTHER IF : 0.8498365855987975<=scoreRea<=0.9258200997725514 ^ 0.0<=scoreProtTaxo<=0.02635667702794845 ^ 1.0144989631180699E-4<=scorePageRankTopoDiv<=1.1424636450965728E-4 (13)
class OTHER IF : 0.816496580927726<=scoreRea<=1.0 ^ 50.01269874088847<=scoreProtTaxo<=78.24924280788699 ^ 1.715924490479643E-4<=scorePageRankTopoDiv<=1.7327229527089061E-4 (4)
class OTHER IF : scoreRea=0.7171371656006362 ^ scoreProtTaxo=39.11883789500987 ^ scorePageRankTopoDiv=1.4131650372210225E-4 (2)
class OTHER IF : 0.7071067811865476<=scoreRea<=0.816496580927726 ^ scoreProtTaxo=0.0 ^ 1.2496190361871147E-4<=scorePageRankTopoDiv<=1.2604521257776215E-4 (5)
class OTHER IF : scoreRea=1.3764944032233706 ^ scoreProtTaxo=4.672811180653771 ^ scorePageRankTopoDiv=1.7450034043602316E-4 (2)
class OTHER IF : 1.3093073414159542<=scoreRea<=1.5275252316519465 ^ 33.27864608928911<=scoreProtTaxo<=54.765275877937235 ^ 1.1076165501706806E-4<=scorePageRankTopoDiv<=1.1133601723393347E-4 (10)
class OTHER IF : scoreRea=1.1881770515720091 ^ scoreProtTaxo=35.97190533881746 ^ scorePageRankTopoDiv=1.1442075717380128E-4 (1)
class OTHER IF : scoreRea=0.8660254037844386 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3438022261259893E-4 (1)
class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.5263370408995772E-4 (2)
class OTHER IF : 1.8708286933869707<=scoreRea<=2.0207259421636903 ^ 1.587883023989004<=scoreProtTaxo<=22.943877550201837 ^ 1.116493007709621E-4<=scorePageRankTopoDiv<=1.376020875302525E-4 (6)
class OTHER IF : scoreRea=1.5430334996209192 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1966632255606324E-4 (1)
class OTHER IF : 0.7745966692414834<=scoreRea<=1.0 ^ 1.7452983457025155<=scoreProtTaxo<=2.1645385819414065 ^ 1.506377396134267E-4<=scorePageRankTopoDiv<=1.82903042849188E-4 (11)
class OTHER IF : 1.3719886811400708<=scoreRea<=1.4752866122334647 ^ 8.009880206310035<=scoreProtTaxo<=29.305596285694808 ^ 1.0730303042438511E-4<=scorePageRankTopoDiv<=1.1945951991812146E-4 (7)
class OTHER IF : scoreRea=1.1359236684941296 ^ 0.036214922507728946<=scoreProtTaxo<=0.911596007038787 ^ 1.09640490508312E-4<=scorePageRankTopoDiv<=1.36630095633726E-4 (8)
class OTHER IF : scoreRea=1.3334899657372021 ^ scoreProtTaxo=0.786336046600834 ^ scorePageRankTopoDiv=1.5245768517501833E-4 (2)
class OTHER IF : 1.4142135623730951<=scoreRea<=1.5078740698501039 ^ 0.0<=scoreProtTaxo<=0.6787384779869023 ^ 1.2954758572089752E-4<=scorePageRankTopoDiv<=1.3162423737102732E-4 (7)
class OTHER IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.518647951744723E-4 (2)
class OTHER IF : 0.8660254037844386<=scoreRea<=1.3093073414159542 ^ 8.424649067330424<=scoreProtTaxo<=10.204146751821096 ^ 1.3370027787848343E-4<=scorePageRankTopoDiv<=1.885248244530818E-4 (5)

class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.48335511616314E-4 (5)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3842061663477223E-4 (3)
class DETOX IF : scoreRea=0.25 ^ scoreProtTaxo=1.7854366557743602 ^ scorePageRankTopoDiv=1.9902855514769744E-4 (3)
class DEGRADATION IF : scoreRea=1.8516401995451028 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.9109305162889634E-5 (3)
class DEGRADATION IF : 1.0<=scoreRea<=1.247219128924647 ^ 26.286231011957284<=scoreProtTaxo<=38.476103319852186 ^ 2.5414532404779787E-4<=scorePageRankTopoDiv<=2.7478026043357365E-4 (11)
class DEGRADATION IF : 1.0<=scoreRea<=1.3228756555322954 ^ 0.0<=scoreProtTaxo<=44.43519300996254 ^ 4.6324579126172384E-5<=scorePageRankTopoDiv<=4.7327178179514555E-5 (15)
class BIOSYNTHESIS IF : 0.7905694150420949<=scoreRea<=0.816496580927726 ^ 42.46502705676863<=scoreProtTaxo<=71.02648797843077 ^ 5.8031652298977115E-5<=scorePageRankTopoDiv<=6.022372792345972E-5 (6)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ 30.982865119868915<=scoreProtTaxo<=69.47147410476717 ^ 1.9700594225831525E-4<=scorePageRankTopoDiv<=2.4114374672442945E-4 (24)
class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.035098339013531 ^ 28.753814293592814<=scoreProtTaxo<=32.55759793194711 ^ 3.4092995079697936E-4<=scorePageRankTopoDiv<=3.739122664785864E-4 (7)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=1.46897744599614 ^ scorePageRankTopoDiv=7.20783349400754E-5 (6)
class BIOSYNTHESIS IF : 0.8451542547285166<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 2.157200922979042E-4<=scorePageRankTopoDiv<=2.218837803860846E-4 (19)
class BIOSYNTHESIS IF : scoreRea=0.6340037731068526 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.369165963961018E-5 (4)
class BIOSYNTHESIS IF : 0.23570226039551584<=scoreRea<=0.25 ^ 16.82062389998916<=scoreProtTaxo<=118.97441201481755 ^ 1.2244885107621335E-4<=scorePageRankTopoDiv<=1.7973368048266475E-4 (14)
class BIOSYNTHESIS IF : 0.14213381090374028<=scoreRea<=0.2041241452319315 ^ 0.0<=scoreProtTaxo<=0.5325943121119973 ^ 4.67243619701902E-5<=scorePageRankTopoDiv<=4.7480361500771855E-5 (12)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 2.2017809896165218E-4<=scorePageRankTopoDiv<=2.2430370788519718E-4 (10)
class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.2792042981336627 ^ 75.06075604111761<=scoreProtTaxo<=126.37589020471343 ^ 3.69476477757441E-5<=scorePageRankTopoDiv<=6.820390724750919E-5 (26)
class BIOSYNTHESIS IF : 0.4803844614152614<=scoreRea<=0.7385489458759964 ^ 11.049887980839541<=scoreProtTaxo<=36.19851154731422 ^ 1.9549578836361636E-5<=scorePageRankTopoDiv<=2.395797125964908E-5 (14)
class ENERGY IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.4166556864442256E-4 (5)
class BIOSYNTHESIS IF : scoreRea=2.057983021710106 ^ scoreProtTaxo=16.820212169959394 ^ scorePageRankTopoDiv=1.2409622007166675E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.1094003924504583 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.773137898809049E-5 (2)
class ENERGY IF : scoreRea=0.988495919569998 ^ scoreProtTaxo=0.07850958084016749 ^ scorePageRankTopoDiv=8.177462725052139E-5 (2)
class BIOSYNTHESIS IF : 2.623303343135812<=scoreRea<=2.6568446566202857 ^ 6.485298193530774<=scoreProtTaxo<=33.036183566237966 ^ 3.176417486336401E-4<=scorePageRankTopoDiv<=4.5982431233079004E-4 (9)
class BIOSYNTHESIS IF : 2.3326329481056884<=scoreRea<=2.743189677316311 ^ 0.0<=scoreProtTaxo<=11.502680546417647 ^ 1.2048544308923464E-4<=scorePageRankTopoDiv<=1.9781045464983038E-4 (36)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.673579070415349E-5 (5)
class BIOSYNTHESIS IF : 0.408248290463863<=scoreRea<=0.7071067811865476 ^ 0.0<=scoreProtTaxo<=0.02110942242487886 ^ 4.2470681528740396E-5<=scorePageRankTopoDiv<=4.3178120633386797E-5 (12)
class OTHER IF : scoreRea=0.3872983346207417 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.0030074501858312E-4 (7)
class BIOSYNTHESIS IF : 0.5707817929853929<=scoreRea<=0.6454972243679028 ^ 3.93137454201378<=scoreProtTaxo<=10.240405284120385 ^ 7.14878342041647E-5<=scorePageRankTopoDiv<=7.631946035900328E-5 (13)
class BIOSYNTHESIS IF : 0.31622776601683794<=scoreRea<=0.5 ^ 0.0<=scoreProtTaxo<=0.11747829627593917 ^ 1.8641638185916442E-4<=scorePageRankTopoDiv<=2.465952387977148E-4 (19)
class DEGRADATION IF : 0.408248290463863<=scoreRea<=0.4472135954999579 ^ 0.0<=scoreProtTaxo<=25.4524903361019 ^ 1.1233582394563083E-4<=scorePageRankTopoDiv<=1.2710021931276782E-4 (7)
class BIOSYNTHESIS IF : 1.5191090506255<=scoreRea<=4.780914437337574 ^ 34.09388015135132<=scoreProtTaxo<=83.23689560348458 ^ 1.6410648387959895E-4<=scorePageRankTopoDiv<=1.992035753298273E-4 (24)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 2.6929902625606435E-4<=scorePageRankTopoDiv<=2.695305089690564E-4 (8)
class BIOSYNTHESIS IF : 0.21081851067789195<=scoreRea<=0.26967994498529685 ^ scoreProtTaxo=0.0 ^ 1.6946786127234814E-4<=scorePageRankTopoDiv<=1.746618148365526E-4 (5)
class ENERGY IF : 0.4387634544762784<=scoreRea<=0.7006490497453708 ^ 2.3996744093115354<=scoreProtTaxo<=4.109994975148521 ^ 1.3155681634273485E-4<=scorePageRankTopoDiv<=1.8211138918884125E-4 (3)
class ENERGY IF : 0.19069251784911848<=scoreRea<=0.3464101615137755 ^ scoreProtTaxo=0.0 ^ 8.86812523631926E-5<=scorePageRankTopoDiv<=9.967564087338181E-5 (9)
class ENERGY IF : 0.2738612787525831<=scoreRea<=0.31622776601683794 ^ 6.471473698427908<=scoreProtTaxo<=7.995814409831503 ^ 9.568779635488795E-5<=scorePageRankTopoDiv<=1.0824895564286868E-4 (11)
class ENERGY IF : 0.5<=scoreRea<=0.5869391856534222 ^ 59.0592922409336<=scoreProtTaxo<=78.80633749366822 ^ 1.510386644478927E-4<=scorePageRankTopoDiv<=1.602622308140349E-4 (3)
class ENERGY IF : scoreRea=0.17541160386140583 ^ scoreProtTaxo=54.74892009226977 ^ scorePageRankTopoDiv=1.2315241317049314E-4 (1)
class ENERGY IF : 0.7071067811865476<=scoreRea<=0.7200822998230955 ^ 40.0<=scoreProtTaxo<=49.278964507472764 ^ 1.4008561574545367E-4<=scorePageRankTopoDiv<=1.441165393286038E-4 (3)
class ENERGY IF : scoreRea=0.2672612419124244 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3980167757492946E-4 (2)
class ENERGY IF : 0.36313651960128146<=scoreRea<=0.37947331922020555 ^ 1.8732433424225876<=scoreProtTaxo<=9.792832691040099 ^ 8.262057952316842E-5<=scorePageRankTopoDiv<=1.4041321871684098E-4 (11)
class DEGRADATION IF : scoreRea=2.1908902300206647 ^ scoreProtTaxo=744.0707051693515 ^ scorePageRankTopoDiv=2.956950506156661E-4 (3)
class DEGRADATION IF : 0.23570226039551584<=scoreRea<=0.3713906763541037 ^ scoreProtTaxo=0.0 ^ 9.986780345653794E-5<=scorePageRankTopoDiv<=1.053375883940584E-4 (3)
class DEGRADATION IF : scoreRea=0.3535533905932738 ^ scoreProtTaxo=6.037872455605616 ^ scorePageRankTopoDiv=1.0011139754082549E-4 (1)
class DEGRADATION IF : 1.3826657968874303<=scoreRea<=2.0 ^ 33.08715911819257<=scoreProtTaxo<=147.41252166934837 ^ 5.8394113680207267E-5<=scorePageRankTopoDiv<=6.228331214240753E-5 (12)

class BIOSYNTHESIS IF : 0.9992257064266816<=scoreRea<=1.0709591052033318 ^ 0.007362727567874315<=scoreProtTaxo<=0.05059346213529292 ^ 9.374543842992507E-5<=scorePageRankTopoDiv<=1.2410510066503347E-4 (8)

class OTHER IF : 0.6030226891555273<=scoreRea<=0.7745966692414834 ^ 4.14886668904373<=scoreProtTaxo<=5.02223911598203 ^ 1.0751660382843966E-4<=scorePageRankTopoDiv<=1.0974209762183784E-4 (6)

class BIOSYNTHESIS IF : 0.3779644730092272<=scoreRea<=0.48507125007266594 ^ 2.5047877479323812<=scoreProtTaxo<=5.073680764092357 ^ 1.8312929137206794E-4<=scorePageRankTopoDiv<=2.433875122349829E-4 (17)

class BIOSYNTHESIS IF : scoreRea=1.525660753153479 ^ scoreProtTaxo=1.3487912944653087 ^ scorePageRankTopoDiv=1.111324093273548E-4 (4)

class BIOSYNTHESIS IF : 0.5107539184552492<=scoreRea<=0.7071067811865476 ^ 6.516959502501294<=scoreProtTaxo<=14.399886431850499 ^ 1.2814039822525947E-4<=scorePageRankTopoDiv<=1.5623558428847628E-4 (14)

class BIOSYNTHESIS IF : 0.6009252125773316<=scoreRea<=0.6324555320336759 ^ 0.0<=scoreProtTaxo<=0.012258083904586227 ^ 1.0735501366193442E-4<=scorePageRankTopoDiv<=1.081273666574102E-4 (11)

class BIOSYNTHESIS IF : 0.14824986333222023<=scoreRea<=0.4803844614152614 ^ 0.0<=scoreProtTaxo<=25.596212983965433 ^ 1.1909069617416628E-5<=scorePageRankTopoDiv<=1.713687157423472E-5 (27)

class DEGRADATION IF : 0.21437323142813605<=scoreRea<=0.25 ^ 1.9837456301647234<=scoreProtTaxo<=13.726780403849244 ^ 3.441799469223626E-5<=scorePageRankTopoDiv<=4.6315447962956124E-5 (15)

class BIOSYNTHESIS IF : scoreRea=0.23570226039551584 ^ scoreProtTaxo=0.0 ^ 6.426013578233957E-5<=scorePageRankTopoDiv<=6.739248125225802E-5 (15)

class BIOSYNTHESIS IF : 0.5686020318963798<=scoreRea<=0.5773502691896257 ^ 0.0<=scoreProtTaxo<=0.20442280262248982 ^ 5.80121844508716E-5<=scorePageRankTopoDiv<=6.55979874717408E-5 (22)

class BIOSYNTHESIS IF : 0.5393598899705937<=scoreRea<=0.7935838209659245 ^ 0.0<=scoreProtTaxo<=0.1563812696229734 ^ 2.9144627530234042E-5<=scorePageRankTopoDiv<=3.1995246100241945E-5 (2)

class BIOSYNTHESIS IF : 0.600000000000001<=scoreRea<=0.6324555320336759 ^ 89.25049222649379<=scoreProtTaxo<=135.17946844016356 ^ 2.8122177261014897E-5<=scorePageRankTopoDiv<=3.481353559664781E-5 (6)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.019778459386172E-4<=scorePageRankTopoDiv<=1.061427001844723E-4 (10)

class OTHER IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=69.47865726904281 ^ scorePageRankTopoDiv=1.9161987328237336E-4 (3)

class BIOSYNTHESIS IF : 0.3786412228313765<=scoreRea<=0.4472135954999579 ^ 0.0<=scoreProtTaxo<=32.23146137542037 ^ 6.642179634668017E-5<=scorePageRankTopoDiv<=6.979292587183943E-5 (26)

class ENERGY IF : scoreRea=0.8498365855987975 ^ scoreProtTaxo=0.037976995945837595 ^ scorePageRankTopoDiv=1.750613415112989E-4 (7)

class BIOSYNTHESIS IF : 1.1952286093343936<=scoreRea<=1.4638501094227998 ^ 28.77526436321188<=scoreProtTaxo<=40.66403414395631 ^ scorePageRankTopoDiv=7.669823584620337E-4 (6)

class BIOSYNTHESIS IF : 1.5275252316519465<=scoreRea<=2.5495097567963922 ^ 19.949670566707734<=scoreProtTaxo<=342.0920172399326 ^ 2.4781928015212094E-4<=scorePageRankTopoDiv<=2.9525891501065975E-4 (26)

class BIOSYNTHESIS IF : scoreRea=0.3370999312316211 ^ scoreProtTaxo=125.49902487565595 ^ scorePageRankTopoDiv=8.511191847200069E-5 (3)

class BIOSYNTHESIS IF : 0.4425306015783918<=scoreRea<=1.643989873053573 ^ 0.22814918814676075<=scoreProtTaxo<=0.532040781604257 ^ 4.973927196739342E-5<=scorePageRankTopoDiv<=5.106292680762229E-5 (22)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ 0.0<=scoreProtTaxo<=5.949875623489494 ^ 4.588402872559206E-4<=scorePageRankTopoDiv<=5.701127800920489E-4 (29)

class DEGRADATION IF : 3.1826736817817<=scoreRea<=6.207868749305365 ^ 0.5951374046456729<=scoreProtTaxo<=3.9579657727849646 ^ 2.723813599834274E-4<=scorePageRankTopoDiv<=3.655805459617726E-4 (7)

class DEGRADATION IF : 0.48989794855663565<=scoreRea<=0.546672273590534 ^ 87.1278616789283<=scoreProtTaxo<=100.47307971677706 ^ 4.145231565697189E-5<=scorePageRankTopoDiv<=4.728125419946526E-5 (10)

class DEGRADATION IF : 0.3535533905932738<=scoreRea<=0.816496580927726 ^ scoreProtTaxo=0.0 ^ 3.6222678185925705E-5<=scorePageRankTopoDiv<=3.826109067452951E-5 (20)

class OTHER IF : scoreRea=2.086370335408023 ^ scoreProtTaxo=2.613965019897625 ^ scorePageRankTopoDiv=1.0319430370482758E-4 (2)

class BIOSYNTHESIS IF : 0.11065666703449763<=scoreRea<=0.13093073414159542 ^ 33.85577672978209<=scoreProtTaxo<=74.37073696766814 ^ 2.645619643482403E-5<=scorePageRankTopoDiv<=3.1295818290857415E-5 (11)

class DEGRADATION IF : 0.2672612419124244<=scoreRea<=0.31622776601683794 ^ 6.695548428892289<=scoreProtTaxo<=7.793743442645217 ^ 1.3196199246283668E-4<=scorePageRankTopoDiv<=1.4224012941568427E-4 (10)

class BIOSYNTHESIS IF : scoreRea=2.0 ^ scoreProtTaxo=0.0 ^ 9.350711532682093E-5<=scorePageRankTopoDiv<=1.1747951603456698E-4 (16)

class BIOSYNTHESIS IF : scoreRea=0.7905694150420949 ^ scoreProtTaxo=84.81420871526848 ^ scorePageRankTopoDiv=9.260615655659085E-5 (9)

class DEGRADATION IF : 0.9258200997725514<=scoreRea<=1.2649110640673518 ^ scoreProtTaxo=0.0 ^ 2.450964554055782E-4<=scorePageRankTopoDiv<=2.473229582541308E-4 (11)

class DEGRADATION IF : 1.0<=scoreRea<=1.7566201313073597 ^ 29.36328778093912<=scoreProtTaxo<=52.214331017798195 ^ 1.1457931062108002E-4<=scorePageRankTopoDiv<=1.1885155162372301E-4 (5)

class ENERGY IF : 2.0<=scoreRea<=2.280350850198276 ^ scoreProtTaxo=0.0 ^ 3.642818610374926E-4<=scorePageRankTopoDiv<=3.957519348612055E-4 (11)

class DEGRADATION IF : 0.816496580927726<=scoreRea<=1.0 ^ 117.68533432023266<=scoreProtTaxo<=268.8896708114055 ^ 7.025164265842389E-5<=scorePageRankTopoDiv<=7.397333394659904E-5 (7)

class BIOSYNTHESIS IF : scoreRea=0.655825835783953<=scoreRea<=0.9274777915203366 ^ 0.8159397521989812<=scoreProtTaxo<=1.629651606740295 ^ 1.0610145577243671E-4<=scorePageRankTopoDiv<=1.1495607808269751E-4 (10)

class ENERGY IF : 0.08559209850218258<=scoreRea<=0.10041928905068677 ^ 0.40713606842348365<=scoreProtTaxo<=18.732065380818764 ^ 2.617285533452988E-5<=scorePageRankTopoDiv<=3.3995659231272465E-5 (8)

class DETOX IF : scoreRea=1.0 ^ scoreProtTaxo=76.23179487402706 ^ scorePageRankTopoDiv=2.61377610435628E-4 (3)

class BIOSYNTHESIS IF : scoreRea=0.75955452531275 ^ 103.81745827343019<=scoreProtTaxo<=103.8174582734302 ^ 2.069313681827798E-4<=scorePageRankTopoDiv<=2.069313681827798E-4 (7)

class DEGRADATION IF : 0.19611613513818404<=scoreRea<=0.2721655269759087 ^ 32.32421212596552<=scoreProtTaxo<=53.712253801759694 ^ 8.048526050907137E-5<=scorePageRankTopoDiv<=8.527890121925288E-5 (7)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=4.330127018922194 ^ 0.0<=scoreProtTaxo<=0.3025798391224467 ^ 7.607171232442491E-4<=scorePageRankTopoDiv<=0.0011982853264696502 (17)

class BIOSYNTHESIS IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=0.0 ^ 8.103062978938698E-5<=scorePageRankTopoDiv<=8.184055624663284E-5 (10)

(16) class BIOSYNTHESIS IF : 0.4472135954999579<=scoreRea<=0.4714045207910317 ^ scoreProtTaxo=0.0 ^ 4.543426893811937E-5<=scorePageRankTopoDiv<=4.5710147296428555E-5

(16) class DEGRADATION IF : 0.49507377148833714<=scoreRea<=1.224744871391589 ^ scoreProtTaxo=0.0 ^ 4.937666043503516E-5<=scorePageRankTopoDiv<=5.12001351746207E-5

(16) class BIOSYNTHESIS IF : 0.2672612419124244<=scoreRea<=0.3670310333590629 ^ 0.0<=scoreProtTaxo<=0.11087798752759649 ^ 2.9726589915500942E-5<=scorePageRankTopoDiv<=3.0254070680625004E-5 (11)

class BIOSYNTHESIS IF : scoreRea=0.15781069215799975 ^ scoreProtTaxo=60.81790855857412 ^ scorePageRankTopoDiv=4.061440716194523E-5 (3)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=370.8806689330153 ^ scorePageRankTopoDiv=2.5005781477850783E-4 (4)

class ENERGY IF : 1.0<=scoreRea<=1.247219128924647 ^ 0.0<=scoreProtTaxo<=64.47592897360235 ^ 3.945430212065747E-4<=scorePageRankTopoDiv<=3.961479461719977E-4 (3)

class BIOSYNTHESIS IF : scoreRea=1.7320508075688772 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.02643735176089E-4 (2)

class BIOSYNTHESIS IF : 2.0<=scoreRea<=2.898275349237888 ^ 571.296896181361<=scoreProtTaxo<=668.0528309119322 ^ 2.3706178167107297E-4<=scorePageRankTopoDiv<=2.3877773348760504E-4 (6)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.4244265517510647E-4 (3)

class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=1.0 ^ 0.0<=scoreProtTaxo<=38.00445116638788 ^ 4.3575656373539553E-4<=scorePageRankTopoDiv<=4.5685229637384094E-4 (14)

class OTHER IF : scoreRea=0.7745966692414834 ^ scoreProtTaxo=113.05081279896491 ^ scorePageRankTopoDiv=1.173629918315806E-4 (3)

class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.3139856423900248E-4 (4)

class DEGRADATION IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.802341309156001E-4 (3)

class BIOSYNTHESIS IF : 1.8049705127885605<=scoreRea<=2.2188007849009166 ^ 0.764578403234384<=scoreProtTaxo<=5.384824552790179 ^ 6.709039841234334E-5<=scorePageRankTopoDiv<=9.583471926338623E-5 (11)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 9.402345660909281E-5<=scorePageRankTopoDiv<=9.926965555736558E-5 (15)

class BIOSYNTHESIS IF : 2.23606797749979<=scoreRea<=7.656929634557929 ^ 829.709602515744<=scoreProtTaxo<=838.1623692966704 ^ 5.044682265188456E-4<=scorePageRankTopoDiv<=6.285287540492742E-4 (5)

class OTHER IF : scoreRea=0.2672612419124244 ^ scoreProtTaxo=15.042734593454881 ^ scorePageRankTopoDiv=2.8520335842968908E-5 (4)

class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 9.998233662201861E-5<=scorePageRankTopoDiv<=1.0691434479612118E-4 (15)

class DEGRADATION IF : 0.40206235255037975<=scoreRea<=0.4472135954999579 ^ 0.0<=scoreProtTaxo<=3.6283306109744204 ^ 5.334210778502402E-5<=scorePageRankTopoDiv<=5.489064449797292E-5 (21)

class OTHER IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=2.2071721740805414 ^ scorePageRankTopoDiv=9.480868540751403E-5 (1)

class OTHER IF : scoreRea=1.0910894511799618 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.05851900355019E-5 (1)

class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=94.50752811024493 ^ scorePageRankTopoDiv=9.350711532682093E-5 (7)

class OTHER IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1357442447585103E-4 (7)

class OTHER IF : scoreRea=0.3333333333333333 ^ scoreProtTaxo=173.14680927853354 ^ scorePageRankTopoDiv=9.530736098891785E-5 (3)

class OTHER IF : scoreRea=0.6666666666666666 ^ scoreProtTaxo=32.70406736719196 ^ scorePageRankTopoDiv=1.0853718564050874E-4 (3)

class OTHER IF : 0.7359800721939872<=scoreRea<=0.7698907906800384 ^ 0.01197185426793928<=scoreProtTaxo<=0.4539913281784976 ^ 8.765155464331727E-5<=scorePageRankTopoDiv<=8.802148557582406E-5 (4)

class OTHER IF : scoreRea=0.5477225575051662 ^ scoreProtTaxo=67.24186839160802 ^ scorePageRankTopoDiv=1.0356937510804866E-4 (1)

class DEGRADATION IF : scoreRea=0.34641016151377546 ^ scoreProtTaxo=1.954747307721167 ^ scorePageRankTopoDiv=2.923556711062316E-5 (7)

class BIOSYNTHESIS IF : scoreRea=0.5940885257860046 ^ scoreProtTaxo=31.050431547115572 ^ scorePageRankTopoDiv=5.9365156338514805E-5 (2)

class BIOSYNTHESIS IF : 0.408248290463863<=scoreRea<=0.5535807194106618 ^ 1.886492471379138<=scoreProtTaxo<=4.371680783476537 ^ 4.325486328638982E-5<=scorePageRankTopoDiv<=5.251282995844052E-5 (8)

class BIOSYNTHESIS IF : 0.3131121455425747<=scoreRea<=0.6755998857764941 ^ 0.0019887525736357443<=scoreProtTaxo<=0.11342319195338982 ^ 4.757809234567175E-5<=scorePageRankTopoDiv<=5.0072739563688465E-5 (14)

class DEGRADATION IF : scoreRea=0.408248290463863 ^ scoreProtTaxo=30.77857385829824 ^ scorePageRankTopoDiv=5.145063627474733E-5 (2)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.2060453783110545 ^ 190.02809180660955<=scoreProtTaxo<=197.63897849209104 ^ 7.706175889745562E-5<=scorePageRankTopoDiv<=1.085444445793927E-4 (13)

class DEGRADATION IF : 0.4703170810017723<=scoreRea<=0.6340037731068526 ^ 0.0<=scoreProtTaxo<=21.10622305327305 ^ 6.840979034833586E-5<=scorePageRankTopoDiv<=6.990584825898163E-5 (24)

class BIOSYNTHESIS IF : 0.28867513459481287<=scoreRea<=0.31562138431599956 ^ 1.3035718214630367<=scoreProtTaxo<=19.54048218001416 ^ 6.880899824267984E-5<=scorePageRankTopoDiv<=7.486846635608594E-5 (19)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ 77.49602114288327<=scoreProtTaxo<=196.6616989567411 ^ 2.31633426121055E-4<=scorePageRankTopoDiv<=2.864973939882795E-4 (33)

class BIOSYNTHESIS IF : 0.7905694150420949<=scoreRea<=0.816496580927726 ^ scoreProtTaxo=0.0 ^ 6.518594657127604E-5<=scorePageRankTopoDiv<=7.234054889925801E-5

(17) class BIOSYNTHESIS IF : scoreRea=0.8498365855987975 ^ scoreProtTaxo=0.09349905172422704 ^ scorePageRankTopoDiv=1.985144240910256E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.949995348430214E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.949995348430214E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.949995348430214E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.949995348430214E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.949995348430214E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9531762510013157E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9531762510013157E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9531762510013157E-4 (1)

class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=1.0 ^ 47.76450951875451<=scoreProtTaxo<=50.98652966122344 ^ 2.1185263033224013E-4<=scorePageRankTopoDiv<=2.1600534257846586E-4 (8)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ 36.540114942347955<=scoreProtTaxo<=82.17086870774837 ^ 1.937781347734718E-4<=scorePageRankTopoDiv<=1.9884189741881033E-4

(5) class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.0858327937595459E-4 (3)

class DEGRADATION IF : 0.5<=scoreRea<=0.6666666666666666 ^ 0.0<=scoreProtTaxo<=0.23909335856687908 ^ 5.14245539920205E-5<=scorePageRankTopoDiv<=5.2248192997044404E-5 (2)

class DEGRADATION IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=10.708252269475352 ^ scorePageRankTopoDiv=4.3863073235157044E-5 (4)
class DEGRADATION IF : scoreRea=0.5204164998665332 ^ scoreProtTaxo=0.016552321931456043 ^ scorePageRankTopoDiv=5.8244475092978616E-5 (3)
class DEGRADATION IF : 0.4815434123430768<=scoreRea<=0.5270462766947299 ^ 5.302581851067899<=scoreProtTaxo<=26.991510355854377 ^ 4.416873060053648E-5<=scorePageRankTopoDiv<=4.553895986069906E-5 (8)
class DEGRADATION IF : scoreRea=0.40206235255037975 ^ scoreProtTaxo=0.13622903541171683 ^ scorePageRankTopoDiv=4.997238646394681E-5 (2)
class DEGRADATION IF : 0.3660422490704798<=scoreRea<=0.4009791936316524 ^ scoreProtTaxo=0.0 ^ 4.527498930521919E-5<=scorePageRankTopoDiv<=5.232264527040059E-5 (9)
class DEGRADATION IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=14.091571161109593 ^ scorePageRankTopoDiv=5.12001351746207E-5 (3)
class DEGRADATION IF : scoreRea=0.49507377148833714 ^ scoreProtTaxo=15.88328747496267 ^ scorePageRankTopoDiv=4.960844882259927E-5 (2)
class DEGRADATION IF : 1.4142135623730951<=scoreRea<=1.479019945774904 ^ 111.3342879535984<=scoreProtTaxo<=166.54816786762024 ^ 7.25833440866257E-5<=scorePageRankTopoDiv<=1.0975966596067927E-4 (10)
class BIOSYNTHESIS IF : 1.5075567228888183<=scoreRea<=2.603165493823874 ^ 5.269272036115494<=scoreProtTaxo<=119.16506409178824 ^ 2.3669319923014094E-4<=scorePageRankTopoDiv<=2.437145494220669E-4 (14)
class DEGRADATION IF : 1.5811388300841898<=scoreRea<=2.6781362536479447 ^ 584.5628440521533<=scoreProtTaxo<=666.740154779605 ^ 1.157368098759784E-4<=scorePageRankTopoDiv<=1.225025970323636E-4 (10)
class BIOSYNTHESIS IF : 1.632993161855452<=scoreRea<=1.6803361008336117 ^ 20.78385916888681<=scoreProtTaxo<=44.42351344438902 ^ 1.0010568571973802E-4<=scorePageRankTopoDiv<=1.1442075717380128E-4 (6)
class DEGRADATION IF : 1.118033988749895<=scoreRea<=1.1547005383792515 ^ 0.0<=scoreProtTaxo<=14.184817258713263 ^ 6.002402324748907E-5<=scorePageRankTopoDiv<=6.562770578714856E-5 (8)
class BIOSYNTHESIS IF : 0.8451542547285166<=scoreRea<=1.0 ^ 0.30623781212204<=scoreProtTaxo<=11.104941597822085 ^ 3.200660241923604E-4<=scorePageRankTopoDiv<=3.2727400494463895E-4 (16)
class OTHER IF : scoreRea=1.1547005383792515 ^ scoreProtTaxo=155.03320327485167 ^ scorePageRankTopoDiv=5.203261468978073E-4 (4)
class ENERGY IF : scoreRea=1.5275252316519465 ^ scoreProtTaxo=78.96656333862784 ^ scorePageRankTopoDiv=4.8518016538646547E-4 (6)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=98.47761194044129 ^ scorePageRankTopoDiv=1.957910023569396E-4 (4)
class OTHER IF : scoreRea=1.6733200530681511 ^ scoreProtTaxo=134.6667040504943 ^ scorePageRankTopoDiv=2.477764007401312E-4 (4)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=182.37761461514177 ^ scorePageRankTopoDiv=1.8050963412305737E-4 (5)
class BIOSYNTHESIS IF : 2.0<=scoreRea<=3.599307891947848 ^ 24.143490363208702<=scoreProtTaxo<=30.982865119868915 ^ 1.4079240203545475E-4<=scorePageRankTopoDiv<=1.837625287804995E-4 (15)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 2.7176809938656905E-4<=scorePageRankTopoDiv<=2.78362307436891E-4 (13)
class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=0.875 ^ 24.173221809594498<=scoreProtTaxo<=97.10127929827577 ^ 1.8046478519252122E-4<=scorePageRankTopoDiv<=1.893923822891509E-4 (10)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=62.08 ^ scorePageRankTopoDiv=1.7565831571757722E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=62.08 ^ scorePageRankTopoDiv=1.7565831571757722E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=62.08 ^ scorePageRankTopoDiv=1.7565831571757722E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=62.08 ^ scorePageRankTopoDiv=1.7565831571757722E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=62.08 ^ scorePageRankTopoDiv=1.7565831571757722E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=62.08 ^ scorePageRankTopoDiv=1.7565831571757722E-4 (1)
class DEGRADATION IF : 1.0<=scoreRea<=1.2747548783981961 ^ 323.06434708214323<=scoreProtTaxo<=348.6018716603964 ^ 2.2611343905604424E-4<=scorePageRankTopoDiv<=2.394123836587127E-4 (12)
class ENERGY IF : scoreRea=0.5499938233462375 ^ scoreProtTaxo=0.24390229293905932 ^ scorePageRankTopoDiv=9.226288738251106E-5 (2)
class DEGRADATION IF : 1.0<=scoreRea<=2.0 ^ scoreProtTaxo=0.0 ^ 2.3317278855135453E-4<=scorePageRankTopoDiv<=2.3500344066533635E-4 (10)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=133.96708783565958 ^ scorePageRankTopoDiv=6.738461316833523E-5 (4)
class BIOSYNTHESIS IF : 1.4832396974191324<=scoreRea<=1.5811388300841898 ^ 59.895785832823506<=scoreProtTaxo<=95.77418042847671 ^ 7.888130487513908E-5<=scorePageRankTopoDiv<=8.290489402761552E-5 (6)
class BIOSYNTHESIS IF : 0.8498365855987975<=scoreRea<=0.9409062968745655 ^ 0.0016810934937112564<=scoreProtTaxo<=0.06871710562352357 ^ 6.784842619768464E-5<=scorePageRankTopoDiv<=8.338034364305354E-5 (9)
class BIOSYNTHESIS IF : scoreRea=0.8660254037844386 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.579874297896567E-4 (5)
class BIOSYNTHESIS IF : scoreRea=0.8944271909999159 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.360444663747284E-5 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=8.003254587501279E-5 (2)
class BIOSYNTHESIS IF : 0.7559289460184544<=scoreRea<=0.7745966692414834 ^ 12.539028237715506<=scoreProtTaxo<=44.35291965001249 ^ 7.829635104071791E-5<=scorePageRankTopoDiv<=8.138212095481503E-5 (6)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.909731573460145E-5 (2)
class BIOSYNTHESIS IF : 0.5686020318963798<=scoreRea<=1.0 ^ 1.17006376814294<=scoreProtTaxo<=15.116611197217916 ^ 6.222498549850633E-5<=scorePageRankTopoDiv<=6.792037491680598E-5 (25)
class BIOSYNTHESIS IF : 0.7745966692414834<=scoreRea<=0.8401680504168059 ^ 0.0<=scoreProtTaxo<=0.02560781728536047 ^ 7.752753433104671E-5<=scorePageRankTopoDiv<=8.090769330609419E-5 (17)
class BIOSYNTHESIS IF : 0.9746794344808964<=scoreRea<=1.0677078252031313 ^ 14.589835855947749<=scoreProtTaxo<=23.80429742569377 ^ 7.06951028591058E-5<=scorePageRankTopoDiv<=8.300133176747531E-5 (12)
class BIOSYNTHESIS IF : scoreRea=0.8498365855987975 ^ scoreProtTaxo=0.177013407153926 ^ scorePageRankTopoDiv=7.63505306242672E-5 (4)
class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=0.9337945803757379 ^ 1.6061868465479219<=scoreProtTaxo<=4.494491622781928 ^ 7.529262716106472E-5<=scorePageRankTopoDiv<=8.297530221176349E-5 (15)
class BIOSYNTHESIS IF : 0.9128709291752768<=scoreRea<=0.9393364366277243 ^ scoreProtTaxo=0.0 ^ 6.770404143475374E-5<=scorePageRankTopoDiv<=8.093676806635258E-5 (15)
class BIOSYNTHESIS IF : scoreRea=0.8944271909999159 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.360444663747284E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.8944271909999159 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.360444663747284E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.8944271909999159 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.360444663747284E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.8944271909999159 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.360444663747284E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.8944271909999159 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.360444663747284E-5 (1)

class DEGRADATION IF : 1.632993161855452<=scoreRea<=2.091650066335189 ^ 191.5456894304651<=scoreProtTaxo<=210.79414812610932 ^ 4.456873199567818E-5<=scorePageRankTopoDiv<=1.0264834960969904E-4 (13)

class DEGRADATION IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1563460165761201E-4 (8)

class BIOSYNTHESIS IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=0.0 ^ 1.0779997582493334E-4<=scorePageRankTopoDiv<=1.088867514795E-4 (8)

class DEGRADATION IF : scoreRea=0.408248290463863 ^ 693.9891871031006<=scoreProtTaxo<=693.9891871031007 ^ scorePageRankTopoDiv=3.965053058062261E-5 (5)

class BIOSYNTHESIS IF : scoreRea=1.3764944032233706 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.297047059087296E-4 (3)

class BIOSYNTHESIS IF : 2.0816659994661326<=scoreRea<=2.3717082451262845 ^ scoreProtTaxo=0.0 ^ 5.9536362836406984E-5<=scorePageRankTopoDiv<=6.25878900045181E-5 (7)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.586188952919566E-4<=scorePageRankTopoDiv<=1.6139523269247927E-4 (9)

class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.600797153717709E-4 (6)

class OTHER IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=273.0486322170335 ^ scorePageRankTopoDiv=1.231543277680165E-4 (4)

class OTHER IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.563974202385334E-4 (3)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 1.2335250775941675E-4<=scorePageRankTopoDiv<=1.265765156839868E-4 (16)

class DEGRADATION IF : 0.3279129178919765<=scoreRea<=0.3472581680740104 ^ 0.7273447634270425<=scoreProtTaxo<=8.65324902488168 ^ 3.5399426680855433E-5<=scorePageRankTopoDiv<=3.606821312576429E-5 (8)

class DEGRADATION IF : 0.05455447255899809<=scoreRea<=0.2932942300427066 ^ 0.25293043138551174<=scoreProtTaxo<=0.33751706318369323 ^ 3.2713651128993574E-5<=scorePageRankTopoDiv<=3.28222925273825E-5 (6)

class DEGRADATION IF : 0.19851666679418606<=scoreRea<=0.23186944788008415 ^ 0.6566412741523572<=scoreProtTaxo<=0.7369488592380905 ^ 2.59483006037133E-5<=scorePageRankTopoDiv<=4.8209446960439775E-5 (8)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.2680075462137053 ^ 4.603361687122849<=scoreProtTaxo<=41.2899157526239 ^ 1.0821870668621276E-4<=scorePageRankTopoDiv<=1.1191554303089209E-4 (15)

class ENERGY IF : scoreRea=1.0 ^ 1.9240469741764585<=scoreProtTaxo<=3.0367993898542833 ^ 2.795286934123438E-4<=scorePageRankTopoDiv<=2.802591027677582E-4 (11)

class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=1.0 ^ 497.4811236160592<=scoreProtTaxo<=602.306197130625 ^ 1.541920177321397E-4<=scorePageRankTopoDiv<=1.8564108971871575E-4 (16)

class BIOSYNTHESIS IF : scoreRea=0.8451542547285166 ^ scoreProtTaxo=56.932828304728304 ^ scorePageRankTopoDiv=2.157200922979042E-4 (8)

class DEGRADATION IF : scoreRea=0.5 ^ 57.502569112561936<=scoreProtTaxo<=121.94027845951078 ^ 1.128535739524047E-4<=scorePageRankTopoDiv<=1.1651066441705652E-4 (12)

class ENERGY IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.541628528851764E-4 (5)

class BIOSYNTHESIS IF : 0.14907119849998599<=scoreRea<=0.19069251784911848 ^ scoreProtTaxo=0.0 ^ 1.1983187389885847E-4<=scorePageRankTopoDiv<=1.2350455368527547E-4 (17)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.1547005383792515 ^ 341.9994152038561<=scoreProtTaxo<=432.5671693840806 ^ 1.3935397686345004E-4<=scorePageRankTopoDiv<=2.0186555161189252E-4 (13)

class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=49.001253116811654 ^ scorePageRankTopoDiv=2.1604982948739978E-4 (4)

class BIOSYNTHESIS IF : scoreRea=2.1821789023599236 ^ 39.831974039532746<=scoreProtTaxo<=179.69948040487637 ^ 1.2335020656697353E-4<=scorePageRankTopoDiv<=1.2529655370089888E-4 (9)

class DEGRADATION IF : 0.3779644730092272<=scoreRea<=2.8284271247461903 ^ 177.27383616031477<=scoreProtTaxo<=803.3713373151944 ^ 4.885814936234887E-4<=scorePageRankTopoDiv<=9.091077403187453E-4 (24)

class BIOSYNTHESIS IF : 1.6803361008336117<=scoreRea<=1.7320508075688772 ^ scoreProtTaxo=0.0 ^ 8.121377612071065E-5<=scorePageRankTopoDiv<=1.603705539214256E-4 (27)

class BIOSYNTHESIS IF : scoreRea=0.28867513459481287 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.585763562318558E-5 (5)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.986663014466144E-4 (4)

class BIOSYNTHESIS IF : 1.4719601443879744<=scoreRea<=2.3664319132398464 ^ 45.53429513784011<=scoreProtTaxo<=932.2968192705277 ^ 3.044045057770998E-4<=scorePageRankTopoDiv<=3.140651876434628E-4 (10)

class BIOSYNTHESIS IF : scoreRea=0.5773502691896257 ^ 78.53198537713274<=scoreProtTaxo<=225.0807262591772 ^ 2.937946919422816E-4<=scorePageRankTopoDiv<=2.942659660207085E-4 (3)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=285.99815137299225 ^ scorePageRankTopoDiv=2.923036083262068E-4 (1)

class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 26.41275546024839<=scoreProtTaxo<=35.66680826927385 ^ 1.6856849441304446E-4<=scorePageRankTopoDiv<=2.937946919422816E-4 (12)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 2.852833775240388E-4<=scorePageRankTopoDiv<=2.928124535837693E-4 (8)

class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=1.0 ^ 45.09288417624395<=scoreProtTaxo<=54.4827917683569 ^ 2.8113486581252486E-4<=scorePageRankTopoDiv<=2.932166491447716E-4 (4)

class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=1.0 ^ 219.6139314557716<=scoreProtTaxo<=313.8967414084758 ^ 3.0475815198214423E-4<=scorePageRankTopoDiv<=4.330581559433888E-4 (14)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=121.67338448569586 ^ scorePageRankTopoDiv=3.04041959804783E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.0627378626481143 ^ scoreProtTaxo=14.486564680584186 ^ scorePageRankTopoDiv=9.949604816272946E-5 (2)

class BIOSYNTHESIS IF : 1.5491933384829668<=scoreRea<=2.1821789023599236 ^ 142.8863813467606<=scoreProtTaxo<=185.9283985016919 ^ 7.862328457920213E-5<=scorePageRankTopoDiv<=9.674459453709227E-5 (12)

class BIOSYNTHESIS IF : scoreRea=1.5811388300841898 ^ scoreProtTaxo=0.0 ^ 1.0832471275904642E-4<=scorePageRankTopoDiv<=2.1066550166109774E-4 (10)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.4638501094227998 ^ 12.14962939259461<=scoreProtTaxo<=108.73214139078968 ^ 1.0053122452362036E-4<=scorePageRankTopoDiv<=1.0546017914666305E-4 (21)

class BIOSYNTHESIS IF : 0.2721655269759087<=scoreRea<=0.3333333333333333 ^ 0.05036843346547486<=scoreProtTaxo<=13.077240249309709 ^ 8.138689745012818E-5<=scorePageRankTopoDiv<=8.319487741294502E-5 (5)

class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=682.9083793205016 ^ scorePageRankTopoDiv=2.872901893809181E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3216355016187466E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1483565662018686E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1483565662018686E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1483565662018686E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1483565662018686E-4 (1)
class BIOSYNTHESIS IF : 0.9860132971832692<=scoreRea<=1.1881770515720091 ^ 7.361536602560318<=scoreProtTaxo<=25.652671227146858 ^ 1.1411806238879287E-4<=scorePageRankTopoDiv<=1.1821792846611631E-4 (12)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1999325120544981E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1999325120544981E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1999325120544981E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.30151134457776363 ^ scoreProtTaxo=2.507459960924724 ^ scorePageRankTopoDiv=1.315802702417396E-4 (3)
class BIOSYNTHESIS IF : scoreRea=0.45199676466631616 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.5221281088250244E-5 (4)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.3482641633356434E-4 (3)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.531695890641126E-4 (2)
class BIOSYNTHESIS IF : scoreRea=0.6488856845230502 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.864916424241607E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.5865884600854132 ^ scoreProtTaxo=0.016846010778338756 ^ scorePageRankTopoDiv=9.209075396229983E-5 (6)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.609763911820804E-4 (1)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.2111995434628557E-4 (2)
class DEGRADATION IF : 0.816496580927726<=scoreRea<=1.0 ^ scoreProtTaxo=0.0 ^ 2.109525286325407E-4<=scorePageRankTopoDiv<=2.156046925054501E-4 (8)
class DEGRADATION IF : scoreRea=0.3535533905932738 ^ scoreProtTaxo=28.234455298768772 ^ scorePageRankTopoDiv=2.8703446527435645E-4 (1)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 2.2527573199519746E-4<=scorePageRankTopoDiv<=2.2746501665296874E-4 (5)
class DEGRADATION IF : scoreRea=0.8819171036881968 ^ scoreProtTaxo=49.44565641564656 ^ scorePageRankTopoDiv=2.2699784921029255E-4 (4)
class DEGRADATION IF : scoreRea=1.632993161855452 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.5577683916162976E-4 (1)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=130.2781338404075 ^ scorePageRankTopoDiv=2.89016577371395E-4 (3)
class DEGRADATION IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.8718895603203323E-4 (5)
class DEGRADATION IF : 0.4472135954999579<=scoreRea<=0.5 ^ 26.098002609031003<=scoreProtTaxo<=61.54997969131992 ^ 2.0504604532525092E-4<=scorePageRankTopoDiv<=2.9372551216232394E-4 (10)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.8232844640266373E-4 (1)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.405203763478195E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.2909944487358056 ^ scoreProtTaxo=7.863722682721194 ^ scorePageRankTopoDiv=4.7724352816539794E-4 (3)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=174.41293300255478 ^ scorePageRankTopoDiv=4.233778112332431E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.7182091341019847E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.642818610374926E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.642818610374926E-4 (1)
class DEGRADATION IF : scoreRea=0.5 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.09543945507385E-5 (4)
class DEGRADATION IF : 0.2773500981126146<=scoreRea<=0.29277002188455997 ^ 51.76085988447591<=scoreProtTaxo<=79.27139361808803 ^ 2.9101694011063927E-5<=scorePageRankTopoDiv<=4.9277085691789035E-5 (7)
class DEGRADATION IF : scoreRea=0.30403449605253013 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.188925859954084E-5 (4)
class DEGRADATION IF : 0.28867513459481287<=scoreRea<=0.3535533905932738 ^ scoreProtTaxo=0.0 ^ 2.8531030310799123E-5<=scorePageRankTopoDiv<=2.915896725059666E-5 (8)
class DEGRADATION IF : 0.31154265122036146<=scoreRea<=0.3660422490704798 ^ 0.0<=scoreProtTaxo<=0.18601989901028204 ^ 3.086599717478484E-5<=scorePageRankTopoDiv<=3.1162427507990004E-5 (5)
class DEGRADATION IF : scoreRea=0.3535533905932738 ^ 18.295026892033253<=scoreProtTaxo<=135.57699032842908 ^ 3.549749858825105E-5<=scorePageRankTopoDiv<=3.687615953751601E-5 (4)
class DEGRADATION IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.891465433234945E-5 (3)
class DEGRADATION IF : 0.4472135954999579<=scoreRea<=0.6030226891555273 ^ 14.88877232157643<=scoreProtTaxo<=25.93340227167837 ^ 2.719160309303253E-5<=scorePageRankTopoDiv<=3.413336931846702E-5 (10)
class DEGRADATION IF : 2.0<=scoreRea<=2.449489742783178 ^ scoreProtTaxo=0.0 ^ 7.75568091423706E-5<=scorePageRankTopoDiv<=9.184702952142395E-5 (4)
class OTHER IF : 1.3333333333333333<=scoreRea<=2.449489742783178 ^ 12.23396062108038<=scoreProtTaxo<=196.6616989567411 ^ 3.1706889880715245E-4<=scorePageRankTopoDiv<=3.2628709644987394E-4 (15)
class BIOSYNTHESIS IF : scoreRea=0.408248290463863 ^ scoreProtTaxo=17.289366675040693 ^ scorePageRankTopoDiv=2.6039275168697428E-5 (8)
class BIOSYNTHESIS IF : scoreRea=2.0 ^ scoreProtTaxo=404.46246448531906 ^ scorePageRankTopoDiv=4.133797272255148E-4 (1)
class BIOSYNTHESIS IF : 2.6233033431358117<=scoreRea<=3.3189795118379384 ^ 0.018034925656415072<=scoreProtTaxo<=0.03610143342723248 ^ 2.296284898681343E-4<=scorePageRankTopoDiv<=4.167988354063402E-4 (6)
class BIOSYNTHESIS IF : 1.4142135623730951<=scoreRea<=1.7320508075688772 ^ scoreProtTaxo=0.0 ^ 4.3390899382588383E-4<=scorePageRankTopoDiv<=5.594139963627898E-4 (8)
class BIOSYNTHESIS IF : 2.4748737341529163<=scoreRea<=2.54000254000381 ^ 0.9842135491902679<=scoreProtTaxo<=83.28699216797433 ^ 3.831836775900027E-4<=scorePageRankTopoDiv<=3.9007559818462736E-4 (2)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 6.301529812221773E-5<=scorePageRankTopoDiv<=6.679401603124203E-5 (5)
class DEGRADATION IF : 0.2478788664079178<=scoreRea<=0.3637867197989336 ^ 0.10714265193236548<=scoreProtTaxo<=0.3162759272716693 ^ 6.607743171125309E-5<=scorePageRankTopoDiv<=6.844104169344639E-5 (6)
class BIOSYNTHESIS IF : 2.449489742783178<=scoreRea<=4.558423058385518 ^ 47.09028349250943<=scoreProtTaxo<=192.5298544265061 ^ 1.0265239631480663E-4<=scorePageRankTopoDiv<=1.0519340961076511E-4 (6)
class BIOSYNTHESIS IF : 0.5477225575051662<=scoreRea<=0.7071067811865476 ^ 23.04241130879896<=scoreProtTaxo<=25.763761925834835 ^ 6.524395329840937E-5<=scorePageRankTopoDiv<=7.127803006092852E-5 (3)
class DEGRADATION IF : 0.26111648393354675<=scoreRea<=0.2626128657194451 ^ 10.200574818917099<=scoreProtTaxo<=58.56007336799859 ^ 4.156525024183641E-5<=scorePageRankTopoDiv<=5.010702370674141E-5 (5)

class BIOSYNTHESIS IF : scoreRea=0.3872983346207417 ^ scoreProtTaxo=14.062439847057187 ^ scorePageRankTopoDiv=3.57718714206892E-5 (13)
class BIOSYNTHESIS IF : 0.3457459036417604<=scoreRea<=0.35805743701971643 ^ 12.185683561383481<=scoreProtTaxo<=60.85843502945625 ^ 3.949727682687551E-5<=scorePageRankTopoDiv<=4.8160184062752934E-5 (9)
class BIOSYNTHESIS IF : scoreRea=0.31622776601683794 ^ scoreProtTaxo=40.35275850475697 ^ scorePageRankTopoDiv=3.873442937778711E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.1224744871391589 ^ scoreProtTaxo=20.90744024523745 ^ scorePageRankTopoDiv=3.659757676415439E-5 (5)
class BIOSYNTHESIS IF : scoreRea=0.21693045781865616 ^ scoreProtTaxo=1.581334155432704 ^ scorePageRankTopoDiv=3.84149619368706E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.2581988897471611 ^ scoreProtTaxo=7.811297292035066 ^ scorePageRankTopoDiv=3.7324173731263076E-5 (2)
class BIOSYNTHESIS IF : 0.2672612419124244<=scoreRea<=0.2773500981126146 ^ 15.767142540186411<=scoreProtTaxo<=60.83421144432251 ^ 2.227982915180602E-5<=scorePageRankTopoDiv<=2.8170111704260316E-5 (16)
class DEGRADATION IF : scoreRea=0.2282177322938192 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.0179017746654186E-5 (1)
class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.6454972243679027 ^ 0.0<=scoreProtTaxo<=0.3172590498740863 ^ 7.422303094299724E-5<=scorePageRankTopoDiv<=8.034981572344388E-5 (8)
class BIOSYNTHESIS IF : 0.2041241452319315<=scoreRea<=0.3578810105803186 ^ 0.0<=scoreProtTaxo<=1.4727924657147426 ^ 5.965447660311724E-5<=scorePageRankTopoDiv<=6.308082194836142E-5 (13)
class ENERGY IF : 0.7385489458759964<=scoreRea<=0.7912565680749444 ^ 24.12140312237191<=scoreProtTaxo<=71.73402074191125 ^ 1.7392856210161315E-4<=scorePageRankTopoDiv<=2.1357981861322832E-4 (10)
class DEGRADATION IF : scoreRea=2.0 ^ scoreProtTaxo=8.959013470267083 ^ scorePageRankTopoDiv=2.608700894174257E-4 (3)
class DEGRADATION IF : scoreRea=0.28867513459481287 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.605630158757446E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.19245008972987526 ^ scoreProtTaxo=32.10799423357924 ^ scorePageRankTopoDiv=8.527890121925288E-5 (4)
class ENERGY IF : scoreRea=0.24253562503633297 ^ scoreProtTaxo=2.2987411082902036 ^ scorePageRankTopoDiv=2.466515140945271E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.6009252125773316 ^ scoreProtTaxo=0.1446951787120938 ^ scorePageRankTopoDiv=1.4356825744751527E-4 (2)
class BIOSYNTHESIS IF : 0.408248290463863<=scoreRea<=0.4472135954999579 ^ scoreProtTaxo=0.0 ^ 1.0936108451902584E-4<=scorePageRankTopoDiv<=1.1208874171937474E-4 (12)
class OTHER IF : 1.0<=scoreRea<=1.7320508075688772 ^ scoreProtTaxo=0.0 ^ 5.844004545899021E-4<=scorePageRankTopoDiv<=5.926013986908866E-4 (7)
class DEGRADATION IF : 3.2071349029490923<=scoreRea<=3.4641016151377544 ^ scoreProtTaxo=0.0 ^ 7.84789069021558E-5<=scorePageRankTopoDiv<=1.700829014660686E-4 (17)
class BIOSYNTHESIS IF : 0.06537204504606135<=scoreRea<=0.10741723110591495 ^ 19.350235633395865<=scoreProtTaxo<=126.00744288078114 ^ 6.66200616101798E-5<=scorePageRankTopoDiv<=8.067388019590874E-5 (20)
class OTHER IF : scoreRea=1.0954451150103324 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=8.47493446785784E-5 (1)
class DEGRADATION IF : scoreRea=2.0976176963403033 ^ scoreProtTaxo=91.32623089960902 ^ scorePageRankTopoDiv=1.8669124202801856E-4 (4)
class DEGRADATION IF : scoreRea=0.3086066999241838 ^ scoreProtTaxo=43.62489741937418 ^ scorePageRankTopoDiv=4.394931004141637E-5 (3)
class BIOSYNTHESIS IF : scoreRea=0.408248290463863 ^ 0.1693690883496217<=scoreProtTaxo<=55.94009746764132 ^ 1.2915211751054413E-4<=scorePageRankTopoDiv<=1.318723082960551E-4 (2)
class BIOSYNTHESIS IF : 0.31622776601683794<=scoreRea<=0.3892494720807615 ^ 0.0<=scoreProtTaxo<=0.8046255931149046 ^ 1.256658419610188E-4<=scorePageRankTopoDiv<=1.2611462768251616E-4 (3)
class BIOSYNTHESIS IF : 0.14824986333222023<=scoreRea<=0.408248290463863 ^ 20.91549697888896<=scoreProtTaxo<=33.39177500970544 ^ 9.893705866072709E-5<=scorePageRankTopoDiv<=1.0299665425326959E-4 (5)
class DETOX IF : scoreRea=1.7320508075688772 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.5605297194339116E-4 (3)
class BIOSYNTHESIS IF : 1.4142135623730951<=scoreRea<=8.090398349558905 ^ 0.0<=scoreProtTaxo<=34.94361669771234 ^ 6.113644840014297E-4<=scorePageRankTopoDiv<=6.86861693231527E-4 (11)
class BIOSYNTHESIS IF : 0.3779644730092272<=scoreRea<=0.40206235255037975 ^ 0.0<=scoreProtTaxo<=0.6415802624320309 ^ 4.10208090166561E-5<=scorePageRankTopoDiv<=4.4058285781172826E-5 (8)
class OTHER IF : scoreRea=0.3429971702850177 ^ scoreProtTaxo=12.779161504403755 ^ scorePageRankTopoDiv=2.709465462200697E-5 (4)
class BIOSYNTHESIS IF : 0.9039935293326323<=scoreRea<=0.9117917111913264 ^ 0.014986097067932382<=scoreProtTaxo<=0.12752196982754047 ^ 5.562663384351787E-5<=scorePageRankTopoDiv<=6.28153376933005E-5 (7)
class DEGRADATION IF : 2.100420126042015<=scoreRea<=2.309401076758503 ^ 0.27763102616899094<=scoreProtTaxo<=20.427731716836988 ^ 1.0491226408433257E-4<=scorePageRankTopoDiv<=1.5280871764678444E-4 (8)
class BIOSYNTHESIS IF : 0.5<=scoreRea<=0.7071067811865476 ^ 63.563996258345064<=scoreProtTaxo<=121.17298334143021 ^ 5.0986526676321536E-5<=scorePageRankTopoDiv<=5.673579070415349E-5 (14)
class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=98.47761194044129 ^ scorePageRankTopoDiv=1.8256592974131777E-4 (6)
class BIOSYNTHESIS IF : 0.1386750490563073<=scoreRea<=0.15191090506255 ^ 178.2014346819538<=scoreProtTaxo<=295.8907046596878 ^ 1.1409009550231638E-4<=scorePageRankTopoDiv<=1.3709365853150742E-4 (7)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.6282912934427522E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=41.94715730728113 ^ scorePageRankTopoDiv=1.6197739285580512E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.6201736729460423 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.4969734830735088E-4 (4)
class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 54.014760540597656<=scoreProtTaxo<=473.23239832180855 ^ 1.6067019311958588E-4<=scorePageRankTopoDiv<=1.689506791098228E-4 (17)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.6282912934427522E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.6282912934427522E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.6282912934427522E-4 (1)
class DEGRADATION IF : scoreRea=0.18257418583505536 ^ scoreProtTaxo=22.268720038735957 ^ scorePageRankTopoDiv=6.369478121980365E-5 (1)
class DEGRADATION IF : 0.30950774330130126<=scoreRea<=0.35007002100700246 ^ 0.2474538250752462<=scoreProtTaxo<=19.268303014858162 ^ 7.648579923948595E-5<=scorePageRankTopoDiv<=7.952826632257314E-5 (7)
class DEGRADATION IF : scoreRea=0.21320071635561044 ^ scoreProtTaxo=21.764641378281617 ^ scorePageRankTopoDiv=7.768413224144437E-5 (3)
class DEGRADATION IF : scoreRea=0.14213381090374028 ^ scoreProtTaxo=113.04884267889307 ^ scorePageRankTopoDiv=7.340639209575947E-5 (3)
class DEGRADATION IF : scoreRea=0.3039305703971088 ^ scoreProtTaxo=0.056819613421865284 ^ scorePageRankTopoDiv=5.170939021601188E-5 (5)
class DEGRADATION IF : scoreRea=0.2041241452319315 ^ scoreProtTaxo=40.89029742320763 ^ scorePageRankTopoDiv=5.026181979438789E-5 (2)

(12) class DEGRADATION IF : 0.11605177063713189<=scoreRea<=0.19069251784911848 ^ scoreProtTaxo=0.0 ^ 7.625650949316087E-5<=scorePageRankTopoDiv<=8.56468047874572E-5

class DEGRADATION IF : scoreRea=0.3779644730092272 ^ scoreProtTaxo=17.676317209375433 ^ scorePageRankTopoDiv=5.840067482207978E-5 (2)

class DEGRADATION IF : 0.1690308509457033<=scoreRea<=0.2614881801842454 ^ 2.770913290327486<=scoreProtTaxo<=4.389269595667062 ^ 6.872439206549558E-5<=scorePageRankTopoDiv<=6.900065823830583E-5 (7)

class BIOSYNTHESIS IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=29.381948174963497 ^ scorePageRankTopoDiv=1.3811067031774507E-4 (6)

class BIOSYNTHESIS IF : 0.4731054880004788<=scoreRea<=0.655825835783953 ^ 0.2129451608611354<=scoreProtTaxo<=0.5425207638665946 ^ 4.3947989392497114E-5<=scorePageRankTopoDiv<=4.553160486790778E-5 (9)

class DEGRADATION IF : 1.0<=scoreRea<=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ 3.779069584777629E-4<=scorePageRankTopoDiv<=3.9300224993881345E-4 (6)

class BIOSYNTHESIS IF : scoreRea=1.949358868961793 ^ scoreProtTaxo=16.89414776770891 ^ scorePageRankTopoDiv=1.0185105332063447E-4 (3)

class DEGRADATION IF : scoreRea=2.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.5710299375717E-4 (2)

class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=0.816496580927726 ^ 2.97.3580011933267<=scoreProtTaxo<=3913.2410008347624 ^ 6.448584985880469E-5<=scorePageRankTopoDiv<=1.194769514392008E-4 (26)

class DETOX IF : 0.7071067811865476<=scoreRea<=0.816496580927726 ^ scoreProtTaxo=0.0 ^ 2.990628864272763E-4<=scorePageRankTopoDiv<=3.081020677346779E-4 (5)

class BIOSYNTHESIS IF : scoreRea=7.155417527999327 ^ scoreProtTaxo=350.7536764461839 ^ scorePageRankTopoDiv=2.2226023968397097E-4 (1)

class BIOSYNTHESIS IF : scoreRea=3.162277660168379 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.4574643740035997E-4 (3)

class BIOSYNTHESIS IF : 1.8027756377319946<=scoreRea<=3.779644730092272 ^ 175.50727843332442<=scoreProtTaxo<=707.9816559175148 ^ 1.4033397296821316E-4<=scorePageRankTopoDiv<=1.5062995730354858E-4 (12)

class BIOSYNTHESIS IF : scoreRea=4.006187165337532 ^ scoreProtTaxo=0.5162840607074476 ^ scorePageRankTopoDiv=2.3928989987570317E-4 (2)

class BIOSYNTHESIS IF : 4.469039979581783<=scoreRea<=4.9613893835683385 ^ 4.06401447787824<=scoreProtTaxo<=5.9733817144801575 ^ 1.500186914875437E-4<=scorePageRankTopoDiv<=1.9060320625320944E-4 (4)

class BIOSYNTHESIS IF : 6.324555320336759<=scoreRea<=7.2048401940794085 ^ 0.0<=scoreProtTaxo<=0.027107567624810956 ^ 1.3831447392257697E-4<=scorePageRankTopoDiv<=4.7412393000109237E-4 (10)

class BIOSYNTHESIS IF : 0.5883484054145521<=scoreRea<=0.7125253031944253 ^ 32.85268093843657<=scoreProtTaxo<=54.451591212359055 ^ 1.0963920554047921E-4<=scorePageRankTopoDiv<=1.1232116545170716E-4 (8)

class OTHER IF : scoreRea=2.752988806446741 ^ scoreProtTaxo=2.140986903025044 ^ scorePageRankTopoDiv=2.4666729467556E-4 (5)

class DEGRADATION IF : scoreRea=2.690370836538197 ^ scoreProtTaxo=115.30167744007765 ^ scorePageRankTopoDiv=1.21168839895759E-4 (3)

class BIOSYNTHESIS IF : scoreRea=1.8257418583505536 ^ scoreProtTaxo=26.946669963812305 ^ scorePageRankTopoDiv=7.086179282175386E-5 (5)

class DEGRADATION IF : 1.224744871391589<=scoreRea<=1.4142135623730951 ^ 79.17823553516814<=scoreProtTaxo<=224.318621212841 ^ 3.4578481937800454E-4<=scorePageRankTopoDiv<=3.936306327135957E-4 (8)

class ENERGY IF : scoreRea=0.34992710611188255 ^ scoreProtTaxo=72.64854370442542 ^ scorePageRankTopoDiv=8.914044698560096E-5 (4)

class DEGRADATION IF : 0.03571428571428571<=scoreRea<=0.07151985398521515 ^ 2.3881652599676126<=scoreProtTaxo<=7.670614106764109 ^ 2.091755686439555E-5<=scorePageRankTopoDiv<=4.027498609978394E-5 (14)

class BIOSYNTHESIS IF : 0.4629100498862757<=scoreRea<=0.4803844614152614 ^ scoreProtTaxo=0.0 ^ 1.2222907282488868E-4<=scorePageRankTopoDiv<=1.2257412972154787E-4 (4)

class BIOSYNTHESIS IF : 0.25819888974716115<=scoreRea<=0.31622776601683794 ^ 124.94102171451942<=scoreProtTaxo<=196.26152482287281 ^ 4.731607333123962E-5<=scorePageRankTopoDiv<=5.672967459123219E-5 (19)

class ENERGY IF : scoreRea=2.0 ^ 23.043090779329386<=scoreProtTaxo<=171.03718661796125 ^ 8.057833970960894E-4<=scorePageRankTopoDiv<=8.212633348548685E-4 (7)

class OTHER IF : scoreRea=3.24037034920393 ^ scoreProtTaxo=16.520431758983598 ^ scorePageRankTopoDiv=1.376020875302525E-4 (5)

class ENERGY IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.621581168434315E-4 (2)

class ENERGY IF : 2.449489742783178<=scoreRea<=2.8284271247461903 ^ 2.6035035240460364<=scoreProtTaxo<=3.416462264904479 ^ 2.0579771942454608E-4<=scorePageRankTopoDiv<=2.3023325596980624E-4 (7)

class ENERGY IF : scoreRea=1.2018504251546631 ^ scoreProtTaxo=20.306853655091704 ^ scorePageRankTopoDiv=1.334518531772253E-4 (1)

class ENERGY IF : scoreRea=0.6837634587578277 ^ scoreProtTaxo=73.53967834571104 ^ scorePageRankTopoDiv=1.9846985407949105E-4 (1)

class BIOSYNTHESIS IF : scoreRea=0.6454972243679028 ^ scoreProtTaxo=3.0093030929956157 ^ scorePageRankTopoDiv=8.528360635683957E-5 (2)

class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=1115.3429503058185 ^ scorePageRankTopoDiv=6.967487895208222E-5 (3)

class DEGRADATION IF : 0.9746794344808964<=scoreRea<=1.0 ^ 7.910932501563312<=scoreProtTaxo<=62.32607531484857 ^ 5.5384972988497854E-5<=scorePageRankTopoDiv<=5.673579070415349E-5 (3)

class ENERGY IF : scoreRea=0.17407765595569785 ^ scoreProtTaxo=2.5899363590874156 ^ scorePageRankTopoDiv=8.642067746743294E-5 (3)

class ENERGY IF : 0.31491832864888675<=scoreRea<=0.3636920293639972 ^ 14.540992002260255<=scoreProtTaxo<=21.347301650371904 ^ 8.53579169959795E-5<=scorePageRankTopoDiv<=9.34097088632978E-5 (5)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class BIOSYNTHESIS IF : 1.2909944487358056<=scoreRea<=1.311651671567906 ^ 0.0<=scoreProtTaxo<=0.6345180997481727 ^ 1.538649778103079E-4<=scorePageRankTopoDiv<=1.5705232879669777E-4 (5)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.3814148733742277E-4 (2)

class BIOSYNTHESIS IF : 1.333333333333333<=scoreRea<=1.4142135623730951 ^ 4.254489402727082<=scoreProtTaxo<=18.837414430363225 ^ 1.2775863673017025E-4<=scorePageRankTopoDiv<=1.4036841679306012E-4 (6)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=25.889356934858828 ^ scorePageRankTopoDiv=1.4266988669730282E-4 (1)

class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=49.53075812056128 ^ scorePageRankTopoDiv=2.128797577747855E-4 (3)

class BIOSYNTHESIS IF : 0.18257418583505536<=scoreRea<=0.454858826147342 ^ 86.68743731527776<=scoreProtTaxo<=154.10754286919666 ^ 8.635506247650476E-6<=scorePageRankTopoDiv<=1.722019170849132E-5 (6)

class DEGRADATION IF : 0.724568837309472<=scoreRea<=0.7385489458759964 ^ 15.845995698294628<=scoreProtTaxo<=33.91166461882087 ^ 3.330277643310726E-5<=scorePageRankTopoDiv<=4.1805930719753834E-5 (10)

(10) class BIOSYNTHESIS IF : 0.5400617248673216<=scoreRea<=0.6030226891555273 ^ scoreProtTaxo=0.0 ^ 3.856354313589377E-5<=scorePageRankTopoDiv<=3.972820985848399E-5

class OTHER IF : scoreRea=0.9428090415820634 ^ scoreProtTaxo=66.20588492072285 ^ scorePageRankTopoDiv=2.242015684498887E-4 (3)

class DEGRADATION IF : scoreRea=2.6457513110645907 ^ scoreProtTaxo=241.16138616799333 ^ scorePageRankTopoDiv=3.360824014842919E-4 (2)

class DEGRADATION IF : 2.0<=scoreRea<=3.2498506536772873 ^ 0.0<=scoreProtTaxo<=0.0024079724851000252 ^ 2.542965180805312E-4<=scorePageRankTopoDiv<=2.95211782315212E-4 (9)

class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.0243191704417294E-4 (1)

class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.8660254037844386 ^ 44.831569115369774<=scoreProtTaxo<=77.27660504356028 ^ 3.1345088576072296E-4<=scorePageRankTopoDiv<=3.6066606573853435E-4 (10)

class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=160.94856643572083 ^ scorePageRankTopoDiv=3.1005745950147753E-4 (2)

class DEGRADATION IF : scoreRea=1.0 ^ 32.46883637689602<=scoreProtTaxo<=71.39072873809421 ^ 3.140914019212182E-4<=scorePageRankTopoDiv<=3.268750300999243E-4 (7)

class DEGRADATION IF : 1.4142135623730951<=scoreRea<=2.1602468994692865 ^ 21.13898069316951<=scoreProtTaxo<=74.56938331200074 ^ 3.58337921459429E-4<=scorePageRankTopoDiv<=3.8436270956853036E-4 (10)

class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.2941395309936893E-4 (3)

class DEGRADATION IF : scoreRea=0.8084520834544432 ^ scoreProtTaxo=16.486688450760568 ^ scorePageRankTopoDiv=4.504717622040652E-5 (2)

class DEGRADATION IF : scoreRea=0.8744746321952062 ^ scoreProtTaxo=62.371656238981856 ^ scorePageRankTopoDiv=5.077560580601176E-5 (4)

class DEGRADATION IF : scoreRea=0.5865884600854132 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=6.626181790340842E-5 (3)

class DEGRADATION IF : scoreRea=0.655825835783953 ^ scoreProtTaxo=0.12645644717105106 ^ scorePageRankTopoDiv=4.7873986812249354E-5 (1)

class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=29.260568309485883 ^ scorePageRankTopoDiv=6.49456574064399E-5 (4)

class DEGRADATION IF : 0.6123724356957945<=scoreRea<=0.7958224257542215 ^ 0.0<=scoreProtTaxo<=3.8486696703969288 ^ 5.860706774825163E-5<=scorePageRankTopoDiv<=5.8803733051915237E-5 (5)

class DEGRADATION IF : 0.7071067811865476<=scoreRea<=0.8401680504168059 ^ 15.13088285984221<=scoreProtTaxo<=22.94891351632441 ^ 5.673579070415349E-5<=scorePageRankTopoDiv<=5.8739070632628016E-5 (6)

class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.7345542270816386E-5 (5)

class BIOSYNTHESIS IF : 2.059867849051379<=scoreRea<=2.11332577548596 ^ 0.32552899071239816<=scoreProtTaxo<=1.3575694107361542 ^ 1.8287761797669406E-4<=scorePageRankTopoDiv<=2.2495306725919904E-4 (9)

class BIOSYNTHESIS IF : 2.119864892037657<=scoreRea<=2.140872096444188 ^ 3.2379181783169733<=scoreProtTaxo<=3.6899110841277327 ^ 2.660174404203223E-4<=scorePageRankTopoDiv<=2.985873638512974E-4 (8)

class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=57.19877992820294 ^ scorePageRankTopoDiv=1.273031544422776E-4 (7)

class BIOSYNTHESIS IF : scoreRea=0.6642111641550714 ^ scoreProtTaxo=4.442629524810974 ^ scorePageRankTopoDiv=9.992258732964255E-5 (2)

class BIOSYNTHESIS IF : scoreRea=0.6546536707079771 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.507727063923345E-5 (1)

class BIOSYNTHESIS IF : 0.18346822357102757<=scoreRea<=0.2672612419124244 ^ 1.0041442365714153<=scoreProtTaxo<=4.894951118682685 ^ 7.206541728125592E-5<=scorePageRankTopoDiv<=9.91658068652667E-5 (9)

class BIOSYNTHESIS IF : 0.5686020318963798<=scoreRea<=0.5773502691896257 ^ scoreProtTaxo=0.0 ^ 9.680375868053309E-5<=scorePageRankTopoDiv<=1.1386306057343698E-4 (8)

class BIOSYNTHESIS IF : 0.09245003270420486<=scoreRea<=0.4472135954999579 ^ 41.11374693353282<=scoreProtTaxo<=90.72358809850219 ^ 9.68361607384624E-5<=scorePageRankTopoDiv<=9.71025528247856E-5 (5)

class DEGRADATION IF : scoreRea=1.5 ^ scoreProtTaxo=328.6761930573438 ^ scorePageRankTopoDiv=1.9482402096573516E-4 (3)

class DEGRADATION IF : 2.449489742783178<=scoreRea<=3.4641016151377544 ^ 186.8047092621161<=scoreProtTaxo<=526.7533706709773 ^ 2.1608188604580465E-4<=scorePageRankTopoDiv<=2.337782760475997E-4 (9)

class BIOSYNTHESIS IF : scoreRea=1.202652838880877 ^ scoreProtTaxo=1.932961341016369 ^ scorePageRankTopoDiv=1.0051476168913065E-4 (4)

class OTHER IF : 0.408248290463863<=scoreRea<=0.5 ^ 355.1112760084071<=scoreProtTaxo<=521.8331253857299 ^ 5.4018423913444024E-5<=scorePageRankTopoDiv<=6.384999288989806E-5 (7)

class BIOSYNTHESIS IF : 0.19839002137983244<=scoreRea<=0.24397501823713327 ^ 1.2825136528866317<=scoreProtTaxo<=34.62065082470671 ^ 4.958838726520721E-5<=scorePageRankTopoDiv<=5.205683608903145E-5 (5)

class BIOSYNTHESIS IF : 0.28867513459481287<=scoreRea<=0.408248290463863 ^ 89.0085484841533<=scoreProtTaxo<=98.81836756108136 ^ 1.1510213213064633E-4<=scorePageRankTopoDiv<=1.185665663845858E-4 (15)

class BIOSYNTHESIS IF : 1.0<=scoreRea<=1.8027756377319946 ^ 199.87966851217695<=scoreProtTaxo<=205.33627510231165 ^ 1.1807420237890181E-4<=scorePageRankTopoDiv<=1.1924321543192456E-4 (7)

class BIOSYNTHESIS IF : scoreRea=0.3086066999241838 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.303619168485682E-5 (1)

class BIOSYNTHESIS IF : scoreRea=0.9746794344808964 ^ scoreProtTaxo=14.537153264002997 ^ scorePageRankTopoDiv=5.4546243901817575E-5 (7)

class OTHER IF : 0.1336306209562122<=scoreRea<=0.2041241452319315 ^ 11.48907832227296<=scoreProtTaxo<=24.204940852237677 ^ 2.277997394999028E-5<=scorePageRankTopoDiv<=2.2992049064083972E-5 (8)

class DEGRADATION IF : 1.0933445471810679<=scoreRea<=1.2126781251816647 ^ scoreProtTaxo=0.0 ^ 1.220459139739041E-4<=scorePageRankTopoDiv<=1.2410399332421477E-4 (5)

class DEGRADATION IF : scoreRea=1.3258750156531338 ^ scoreProtTaxo=0.7079245963934496 ^ scorePageRankTopoDiv=1.295463900452369E-4 (3)

class DEGRADATION IF : 2.1143765594836976<=scoreRea<=2.211398230003235 ^ 33.436888932748474<=scoreProtTaxo<=157.89757001622166 ^ 1.4383666539306183E-4<=scorePageRankTopoDiv<=1.5764329330262091E-4 (4)

class DEGRADATION IF : scoreRea=1.8973665961010275 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.068428112262252E-4 (2)

class DEGRADATION IF : 1.5491933384829668<=scoreRea<=2.0 ^ 24.540654200910076<=scoreProtTaxo<=247.55660370974545 ^ 1.37032589402138E-4<=scorePageRankTopoDiv<=1.3902458959959068E-4 (8)

class DEGRADATION IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=258.6785545214659 ^ scorePageRankTopoDiv=3.191856776052939E-5 (12)

class BIOSYNTHESIS IF : scoreRea=0.8473185457363234 ^ scoreProtTaxo=2.896420549071816 ^ scorePageRankTopoDiv=9.581353925799543E-5 (2)

class DEGRADATION IF : 0.816496580927726<=scoreRea<=1.0 ^ 138.45986359634793<=scoreProtTaxo<=168.12250435495292 ^ 9.184702952142395E-5<=scorePageRankTopoDiv<=1.0609466112632037E-4 (3)

class DEGRADATION IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=128.28625663138507 ^ scorePageRankTopoDiv=1.0926502894973586E-4 (5)

class DEGRADATION IF : scoreRea=0.356034497458156 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.818754435989404E-5 (2)

class DETOX IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.1605297494252306E-4 (2)

class BIOSYNTHESIS IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=41.94715730728113 ^ scorePageRankTopoDiv=1.6197739285580512E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=41.94715730728113 ^ scorePageRankTopoDiv=1.6197739285580512E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.4472135954999579 ^ scoreProtTaxo=41.94715730728113 ^ scorePageRankTopoDiv=1.6197739285580512E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.8660254037844386 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=9.834448953690958E-5 (3)
class BIOSYNTHESIS IF : scoreRea=1.2909944487358056 ^ scoreProtTaxo=0.6405682128609419 ^ scorePageRankTopoDiv=2.0320445389278625E-4 (3)
class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=25.84565026836747 ^ scorePageRankTopoDiv=4.95954293050021E-5 (4)
class DEGRADATION IF : scoreRea=0.1180339887498948 ^ scoreProtTaxo=53.33607029865077 ^ scorePageRankTopoDiv=2.221322151018711E-5 (5)
class DEGRADATION IF : scoreRea=0.33071891388307384 ^ scoreProtTaxo=0.6368952509453817 ^ scorePageRankTopoDiv=2.5582106535976228E-5 (3)
class OTHER IF : scoreRea=2.035529993132299 ^ scoreProtTaxo=37.18309334171484 ^ scorePageRankTopoDiv=1.6214399066947588E-4 (6)
class ENERGY IF : 0.22360679774997896<=scoreRea<=0.439586982263858 ^ 0.03824909535505272<=scoreProtTaxo<=0.25395543377941004 ^ 3.4356952197702415E-5<=scorePageRankTopoDiv<=3.5129610103536256E-5 (4)
class BIOSYNTHESIS IF : 1.7320508075688772<=scoreRea<=1.9364916731037085 ^ 21.379806720813527<=scoreProtTaxo<=139.060820931979 ^ 1.4466068132218887E-4<=scorePageRankTopoDiv<=1.492140440385095E-4 (7)
class BIOSYNTHESIS IF : scoreRea=0.3872983346207417 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.3414666428876934E-5 (3)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=98.40420334876411 ^ scorePageRankTopoDiv=1.7230729652463356E-4 (2)
class OTHER IF : scoreRea=2.6457513110645907 ^ scoreProtTaxo=11.653831840400214 ^ scorePageRankTopoDiv=1.2548442637641923E-4 (4)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=206.55452266500356 ^ scorePageRankTopoDiv=1.1490929097897867E-4 (2)
class BIOSYNTHESIS IF : 1.224744871391589<=scoreRea<=1.4142135623730951 ^ 51.50365682807401<=scoreProtTaxo<=105.77882039783354 ^ 2.5761354379839283E-4<=scorePageRankTopoDiv<=2.735898262553504E-4 (5)
class BIOSYNTHESIS IF : scoreRea=1.7638342073763935 ^ scoreProtTaxo=79.0514992333247 ^ scorePageRankTopoDiv=1.3677116599979192E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.949358868961793 ^ scoreProtTaxo=34.87119154833509 ^ scorePageRankTopoDiv=1.359130639592478E-4 (4)
class BIOSYNTHESIS IF : scoreRea=0.08333333333333333 ^ scoreProtTaxo=71.90009062732221 ^ scorePageRankTopoDiv=3.470487807565085E-5 (3)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ 109.4646547441358<=scoreProtTaxo<=146.491662142068 ^ 4.371498400030517E-5<=scorePageRankTopoDiv<=5.058178454993116E-5 (6)
class DEGRADATION IF : scoreRea=0.23570226039551584 ^ scoreProtTaxo=0.2303427360363902 ^ scorePageRankTopoDiv=1.448780413994269E-4 (2)
class DETOX IF : scoreRea=1.0 ^ scoreProtTaxo=608.3681488898235 ^ scorePageRankTopoDiv=3.396371341897463E-4 (1)
class DETOX IF : scoreRea=2.581988897471611 ^ scoreProtTaxo=27.930778633284643 ^ scorePageRankTopoDiv=4.568212402645179E-4 (3)
class DETOX IF : scoreRea=1.2909944487358056 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.810911994972087E-4 (3)
class DETOX IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.5005781477850783E-4 (3)
class DETOX IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=146.53881007132415 ^ scorePageRankTopoDiv=2.6652816827249016E-4 (2)
class DETOX IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.3284914715507266E-4 (1)
class DETOX IF : scoreRea=1.0 ^ scoreProtTaxo=290.5100020231181 ^ 2.626806104123039E-4<=scorePageRankTopoDiv<=3.0321704900335665E-4 (5)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ 2.2507399536377622E-4<=scorePageRankTopoDiv<=2.2734171088002557E-4 (8)
class BIOSYNTHESIS IF : scoreRea=1.7320508075688772 ^ scoreProtTaxo=113.37384803240558 ^ scorePageRankTopoDiv=9.025333891358375E-5 (3)
class DEGRADATION IF : 0.9013878188659973<=scoreRea<=1.093344547181068 ^ 200.94615943355413<=scoreProtTaxo<=424.7421113040829 ^ 8.070273683221971E-5<=scorePageRankTopoDiv<=8.622735221921629E-5 (9)
class BIOSYNTHESIS IF : 0.8660254037844386<=scoreRea<=1.0 ^ 308.8787482384362<=scoreProtTaxo<=321.94884504151656 ^ 1.237945613915102E-4<=scorePageRankTopoDiv<=1.2392035308247696E-4 (3)
class DEGRADATION IF : 0.21081851067789195<=scoreRea<=0.6324555320336759 ^ 6.648788023034921<=scoreProtTaxo<=12.431118389046912 ^ 1.8381833697315455E-4<=scorePageRankTopoDiv<=1.8416305184943934E-4 (7)
class ENERGY IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=2.883461995813866 ^ scorePageRankTopoDiv=3.288585667948916E-4 (2)
class ENERGY IF : scoreRea=0.5898297717679785 ^ scoreProtTaxo=80.88172121496505 ^ scorePageRankTopoDiv=7.984042811155853E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.9486832980505138 ^ scoreProtTaxo=492.4769364822055 ^ scorePageRankTopoDiv=6.382584844988021E-5 (4)
class ENERGY IF : scoreRea=0.16035674514745463 ^ scoreProtTaxo=44.11999794819986 ^ scorePageRankTopoDiv=4.305270368731032E-5 (3)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=212.39271801691976 ^ scorePageRankTopoDiv=1.306755114111501E-4 (4)
class DEGRADATION IF : scoreRea=1.1547005383792515 ^ scoreProtTaxo=120.27240963691459 ^ scorePageRankTopoDiv=9.346737750457407E-5 (2)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.3162289563086192E-5 (2)
class ENERGY IF : scoreRea=1.1710800875382399 ^ scoreProtTaxo=83.83084120930127 ^ scorePageRankTopoDiv=3.405667421549469E-4 (4)
class DEGRADATION IF : 3.7951582057210227<=scoreRea<=4.307507614472608 ^ 0.3018617796253848<=scoreProtTaxo<=1.379921366421163 ^ 1.7404809878674647E-4<=scorePageRankTopoDiv<=1.9574314093248436E-4 (6)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ 2.0875414097402804E-4<=scorePageRankTopoDiv<=2.1395082657941635E-4 (6)
class OTHER IF : 7.082843120291925<=scoreRea<=8.031189202104505 ^ 4.863076241064854<=scoreProtTaxo<=12.209490805052312 ^ 1.0283029333560688E-4<=scorePageRankTopoDiv<=1.0442531089430809E-4 (6)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=24.522053185615338 ^ scorePageRankTopoDiv=7.175420992019046E-5 (5)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=6.738311679550256 ^ scorePageRankTopoDiv=5.673579070415349E-5 (4)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=6.461124413009387 ^ scorePageRankTopoDiv=7.304909884610215E-4 (3)
class BIOSYNTHESIS IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=150.04371593384334 ^ scorePageRankTopoDiv=7.267741345896467E-5 (4)
class DEGRADATION IF : scoreRea=1.0 ^ 176.6748265891641<=scoreProtTaxo<=265.45642259993303 ^ 1.2292863073691518E-4<=scorePageRankTopoDiv<=1.318125744054719E-4 (7)
class BIOSYNTHESIS IF : 0.6258327785172862<=scoreRea<=0.696630546019236 ^ 0.3172590498740864<=scoreProtTaxo<=1.0730405606481515 ^ 7.221388362580414E-5<=scorePageRankTopoDiv<=7.693248890515395E-5 (7)
class DEGRADATION IF : scoreRea=0.6324555320336759 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.186184244774277E-5 (4)
class BIOSYNTHESIS IF : 0.7071067811865476<=scoreRea<=0.816496580927726 ^ 122.41731903615599<=scoreProtTaxo<=132.7672987437464 ^ 8.461694462624069E-5<=scorePageRankTopoDiv<=8.9145592096062E-5 (3)
class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=59.600361397029246 ^ scorePageRankTopoDiv=6.177647995694302E-5 (3)
class DEGRADATION IF : 0.5252257314388902<=scoreRea<=1.2909944487358056 ^ 184.36354556058535<=scoreProtTaxo<=184.90955657450604 ^ 7.521950513745555E-5<=scorePageRankTopoDiv<=8.499128390523789E-5 (7)
class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.075060281598621E-4 (2)

class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.06019595021213E-5 (1)
class DEGRADATION IF : scoreRea=0.4714045207910317 ^ scoreProtTaxo=0.21736656470342558 ^ scorePageRankTopoDiv=2.039267862920187E-4 (3)
class DEGRADATION IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.1673517381795885E-4 (3)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ 37.351611171971676<=scoreProtTaxo<=46.43188130854518 ^ 2.1106370026593825E-4<=scorePageRankTopoDiv<=2.8099010423062484E-4 (4)
class DEGRADATION IF : scoreRea=4.242640687119285 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.351422632147156E-4 (2)
class OTHER IF : scoreRea=1.0 ^ scoreProtTaxo=278.9260654725549 ^ scorePageRankTopoDiv=1.5119971642290792E-4 (2)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=162.15630319750082 ^ scorePageRankTopoDiv=4.63834105930411E-4 (6)
class DEGRADATION IF : scoreRea=5.392738882336249 ^ scoreProtTaxo=31.56070563126379 ^ scorePageRankTopoDiv=2.6560409197769793E-4 (2)
class ENERGY IF : scoreRea=0.3469443332443555 ^ scoreProtTaxo=0.008501686508290446 ^ scorePageRankTopoDiv=4.25938615935737E-5 (3)
class BIOSYNTHESIS IF : scoreRea=0.5773502691896257 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.8401674405587953E-4 (2)
class BIOSYNTHESIS IF : scoreRea=0.816496580927726 ^ scoreProtTaxo=53.96055802488666 ^ scorePageRankTopoDiv=1.799068798674255E-4 (3)
class DEGRADATION IF : 6.76930789754497<=scoreRea<=17.580173491749164 ^ 0.25453539884412596<=scoreProtTaxo<=48.876164669699776 ^ 2.27214944912841E-4<=scorePageRankTopoDiv<=5.500256568628485E-4 (3)
class DEGRADATION IF : scoreRea=0.3779644730092272 ^ scoreProtTaxo=27.294314276743904 ^ scorePageRankTopoDiv=4.608224295654832E-5 (3)
class ENERGY IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.9556844973405226E-4 (3)
class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=0.8660254037844386 ^ 65.79623872982258<=scoreProtTaxo<=130.03392307060201 ^ 4.77018583093523E-5<=scorePageRankTopoDiv<=5.0451195012364305E-5 (3)
class DEGRADATION IF : scoreRea=2.8284271247461903 ^ scoreProtTaxo=46.08171497882105 ^ scorePageRankTopoDiv=9.184702952142395E-5 (1)
class OTHER IF : scoreRea=0.39528470752104744 ^ scoreProtTaxo=67.31782581752879 ^ scorePageRankTopoDiv=3.0197216976965264E-5 (3)
class BIOSYNTHESIS IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 0.0<=scoreProtTaxo<=0.22537446792761007 ^ 2.327407772093858E-4<=scorePageRankTopoDiv<=2.423052815653982E-4 (9)
class BIOSYNTHESIS IF : 0.816496580927726<=scoreRea<=1.0 ^ 32.13477923659716<=scoreProtTaxo<=286.698115661492 ^ 2.16674851498363E-4<=scorePageRankTopoDiv<=2.209479886732525E-4 (12)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ 15.54358844509754<=scoreProtTaxo<=20.97192084929702 ^ 4.6220909847007676E-4<=scorePageRankTopoDiv<=5.428246164357167E-4 (5)
class BIOSYNTHESIS IF : 0.8451542547285166<=scoreRea<=0.9428090415820634 ^ 39.943773190847274<=scoreProtTaxo<=217.84101623961143 ^ 2.3351532071486775E-4<=scorePageRankTopoDiv<=2.500264397421409E-4 (11)
class BIOSYNTHESIS IF : scoreRea=1.632993161855452 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.432112654143253E-5 (2)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.913623939731866E-5 (8)
class DEGRADATION IF : scoreRea=0.8966167345234256 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=7.191567364364338E-5 (1)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=13.050286539712438 ^ scorePageRankTopoDiv=7.175420992019046E-5 (3)
class ENERGY IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=57.22088458559952 ^ scorePageRankTopoDiv=4.163608256714727E-4 (1)
class ENERGY IF : scoreRea=1.2121830534626528 ^ scoreProtTaxo=0.858760746827019 ^ scorePageRankTopoDiv=4.0904708137729363E-4 (1)
class ENERGY IF : scoreRea=1.8708286933869707 ^ scoreProtTaxo=291.22705834189765 ^ scorePageRankTopoDiv=3.676671633311061E-4 (2)
class ENERGY IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=459.6016391037568 ^ scorePageRankTopoDiv=3.0829274756230974E-4 (2)
class ENERGY IF : scoreRea=1.0 ^ scoreProtTaxo=101.09186523842465 ^ scorePageRankTopoDiv=3.147732888004335E-4 (4)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ 0.0<=scoreProtTaxo<=54.48256601886515 ^ 6.892763088378026E-4<=scorePageRankTopoDiv<=6.989120687488944E-4 (2)
class DEGRADATION IF : scoreRea=0.1336306209562122 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.4624678323885254E-5 (1)
class DEGRADATION IF : scoreRea=0.07216878364870322 ^ scoreProtTaxo=2.460316855277241 ^ scorePageRankTopoDiv=1.8167629296368919E-5 (2)
class ENERGY IF : scoreRea=0.08006407690254357 ^ scoreProtTaxo=1.653721012550384 ^ scorePageRankTopoDiv=2.2280734529695785E-5 (1)
class BIOSYNTHESIS IF : scoreRea=0.6324555320336759 ^ scoreProtTaxo=65.08449599386569 ^ scorePageRankTopoDiv=2.2907062577451448E-4 (5)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=165.95993492398236 ^ scorePageRankTopoDiv=1.7817525502658317E-4 (2)
class DEGRADATION IF : 1.0954451150103324<=scoreRea<=1.4142135623730951 ^ 608.5348962878501<=scoreProtTaxo<=639.1599181489809 ^ 1.5862456260021715E-4<=scorePageRankTopoDiv<=2.6220409643941574E-4 (4)
class BIOSYNTHESIS IF : scoreRea=0.408248290463863 ^ scoreProtTaxo=789.8485696478076 ^ scorePageRankTopoDiv=2.7322301369745626E-4 (5)
class DEGRADATION IF : scoreRea=2.8284271247461903 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.666222754058243E-4 (3)
class DEGRADATION IF : scoreRea=1.8257418583505536 ^ scoreProtTaxo=98.4699452170974 ^ scorePageRankTopoDiv=7.104793139068288E-5 (3)
class DEGRADATION IF : scoreRea=3.289913283319897 ^ scoreProtTaxo=559.0074476741592 ^ scorePageRankTopoDiv=3.0701005128886387E-4 (1)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ 0.0<=scoreProtTaxo<=144.7478392962769 ^ 5.034282496324573E-4<=scorePageRankTopoDiv<=6.588344911766697E-4 (5)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=12.004669260881082 ^ scorePageRankTopoDiv=4.909937360556403E-4 (1)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=41.60349216917426 ^ scorePageRankTopoDiv=5.21570208523604E-4 (2)
class BIOSYNTHESIS IF : scoreRea=1.224744871391589 ^ scoreProtTaxo=56.161515770653565 ^ scorePageRankTopoDiv=6.948673131421873E-5 (4)
class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.698856430172402E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ 0.0<=scoreProtTaxo<=2.0863620823036073 ^ scorePageRankTopoDiv=4.985531431087294E-4 (4)
class DEGRADATION IF : 0.5773502691896257<=scoreRea<=0.7071067811865476 ^ 20.915987692451182<=scoreProtTaxo<=22.440204905652035 ^ 1.6686662865866955E-4<=scorePageRankTopoDiv<=1.7408311085569377E-4 (6)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=3.110805504795198 ^ scorePageRankTopoDiv=1.0511522598179651E-4 (3)
class OTHER IF : scoreRea=0.3922322702763681 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.7874776905481745E-5 (4)
class BIOSYNTHESIS IF : scoreRea=0.31622776601683794 ^ scoreProtTaxo=387.6447516157186 ^ scorePageRankTopoDiv=8.360272329903238E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=0.0 ^ 1.441783978103374E-4<=scorePageRankTopoDiv<=1.4791573811250174E-4 (9)
class BIOSYNTHESIS IF : scoreRea=1.1547005383792515 ^ scoreProtTaxo=61.78620275022985 ^ scorePageRankTopoDiv=1.1737307636183124E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.118033988749895 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=5.1313350432075225E-5 (5)
class BIOSYNTHESIS IF : scoreRea=0.655825835783953 ^ scoreProtTaxo=0.2566072677695416 ^ scorePageRankTopoDiv=1.0879989589336553E-4 (2)
class BIOSYNTHESIS IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.160640423272123E-4 (3)
class DEGRADATION IF : 1.1372040637927596<=scoreRea<=1.2029375808949572 ^ 1.2821315087821932<=scoreProtTaxo<=1.495970447499228 ^ 1.263409130347141E-4<=scorePageRankTopoDiv<=1.3817645839686696E-4 (4)
class BIOSYNTHESIS IF : scoreRea=1.118033988749895 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=2.358103253919151E-4 (3)

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class BIOSYNTHESIS IF : scoreRea=0.7191949522280763 ^ scoreProtTaxo=55.61823899667411 ^ scorePageRankTopoDiv=1.3556204474833197E-5 (2)
class BIOSYNTHESIS IF : scoreRea=0.1336306209562122 ^ scoreProtTaxo=113.06193486507043 ^ scorePageRankTopoDiv=8.526134756584441E-5 (3)
class DEGRADATION IF : scoreRea=2.680951323690902 ^ scoreProtTaxo=0.011672391865901513 ^ scorePageRankTopoDiv=2.1883160997492087E-4 (4)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9055649310582596E-4 (2)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.8860851388601528E-4 (1)
class DEGRADATION IF : 1.0<=scoreRea<=1.1881770515720091 ^ 4.7879252966052475<=scoreProtTaxo<=5.411851401620706 ^ 1.1442075717380128E-4<=scorePageRankTopoDiv<=1.2181717835020451E-4 (4)
class ENERGY IF : scoreRea=3.4641016151377544 ^ scoreProtTaxo=16.560296819002364 ^ scorePageRankTopoDiv=2.120396524500385E-4 (3)
class DEGRADATION IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.1328728240243136E-4 (4)
class ENERGY IF : scoreRea=1.0 ^ scoreProtTaxo=21.7568033167796 ^ scorePageRankTopoDiv=7.011720372293434E-4 (4)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.3064912264776746E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.1114378604524227 ^ scoreProtTaxo=19.8045615400731 ^ scorePageRankTopoDiv=5.409945344885199E-5 (1)
class DEGRADATION IF : scoreRea=5.372405894758811 ^ scoreProtTaxo=64.86872458326154 ^ scorePageRankTopoDiv=2.5451465611213983E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.9274777915203366 ^ scoreProtTaxo=2.284447209188501 ^ scorePageRankTopoDiv=1.341109037928679E-4 (1)
class BIOSYNTHESIS IF : scoreRea=0.28867513459481287 ^ scoreProtTaxo=1.8435289494404254 ^ scorePageRankTopoDiv=5.057229096274693E-5 (1)
class DEGRADATION IF : scoreRea=7.874007874011811 ^ scoreProtTaxo=83.60493888793984 ^ scorePageRankTopoDiv=9.184702952142395E-5 (4)
class BIOSYNTHESIS IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=488.5222615194924 ^ scorePageRankTopoDiv=2.954382058651906E-4 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=99.94050773418287 ^ scorePageRankTopoDiv=5.84516351945006E-4 (5)
class OTHER IF : scoreRea=2.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.088733957652656E-4 (2)
class OTHER IF : scoreRea=0.20965696734438366 ^ scoreProtTaxo=62.006127251263905 ^ scorePageRankTopoDiv=3.6903530145216174E-5 (1)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9202370889358065E-4 (1)
class BIOSYNTHESIS IF : scoreRea=2.8535691936340255 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=3.201551503233059E-4 (2)
class BIOSYNTHESIS IF : scoreRea=1.0 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=1.9202370889358065E-4 (1)
class DEGRADATION IF : scoreRea=1.4142135623730951 ^ scoreProtTaxo=1121.1691346845957 ^ scorePageRankTopoDiv=1.50642091339147E-4 (2)
class BIOSYNTHESIS IF : scoreRea=0.5 ^ scoreProtTaxo=0.0 ^ scorePageRankTopoDiv=4.787860914058206E-5 (3)
class OTHER IF : scoreRea=2.0 ^ scoreProtTaxo=57.65446242084278 ^ scorePageRankTopoDiv=4.287988675749166E-4 (3)
class DEGRADATION IF : scoreRea=0.7071067811865476 ^ scoreProtTaxo=273.33252297887157 ^ scorePageRankTopoDiv=4.474941279021902E-5 (1)
class OTHER IF : scoreRea=0.8498365855987975 ^ scoreProtTaxo=491.14396928120954 ^ scorePageRankTopoDiv=8.933471786716984E-5 (3)

```

Stat :

```

class DEGRADATION : 315 exemplar(s) including 288 Hyperrectangle(s) and 27 Single(s).
class BIOSYNTHESIS : 455 exemplar(s) including 385 Hyperrectangle(s) and 70 Single(s).
class OTHER : 92 exemplar(s) including 80 Hyperrectangle(s) and 12 Single(s).
class DETOX : 35 exemplar(s) including 31 Hyperrectangle(s) and 4 Single(s).
class ENERGY : 71 exemplar(s) including 64 Hyperrectangle(s) and 7 Single(s).

```

Total : 968 exemplars(s) including 848 Hyperrectangle(s) and 120 Single(s).

Feature weights : [0.026621704589354037 0.013098001491379322 0.03430947381803635]

Time taken to build model: 1.72 seconds

=== Stratified cross-validation ===
=== Summary ===

Correctly Classified Instances	7822	94.7432 %
Incorrectly Classified Instances	434	5.2568 %
Kappa statistic	0.9076	
Mean absolute error	0.021	
Root mean squared error	0.145	
Relative absolute error	9.2047 %	
Root relative squared error	42.9119 %	
Total Number of Instances	8256	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.922	0.028	0.927	0.922	0.925	0.947	DEGRADATION
	0.965	0.06	0.958	0.965	0.961	0.952	BIOSYNTHESIS
	0.929	0.003	0.947	0.929	0.938	0.963	OTHER
	0.869	0.001	0.926	0.869	0.897	0.934	DETOX
	0.935	0.004	0.939	0.935	0.937	0.966	ENERGY
Weighted Avg.	0.947	0.043	0.947	0.947	0.947	0.952	

=== Confusion Matrix ===

```
  a   b   c   d   e  <-- classified as
2121 151  10  3  15 |   a = DEGRADATION
136 4672 16  6  13 |   b = BIOSYNTHESIS
  13  22 469  0  1 |   c = OTHER
   6  11  0 113  0 |   d = DETOX
  11  20  0  0 447 |   e = ENERGY
```