

Abbr.	Distance	Definition
CS	Cosine	$\text{Arccos}\left(\frac{\sum_x P(x)Q(x)}{\sqrt{\sum_x P(x)^2 \sum_x Q(x)^2}}\right)$
EC	Euclid	$\sqrt{\sum_x (P(x) - Q(x))^2}$
E2	Euclid ²	$\sum_x (P(x) - Q(x))^2$
KL	Kullback-Leibler	$\left(\sum_x P(x) \log\left(\frac{P(x)}{Q(x)}\right) + \sum_x Q(x) \log\left(\frac{Q(x)}{P(x)}\right)\right)/2$
JA	Jaccard	$(A + B)/(A + B + C)$
JS	Jensen-Shannon	$\left(\sum_x P(x) \log\left(\frac{2P(x)}{P(x)+Q(x)}\right) + \sum_x Q(x) \log\left(\frac{2Q(x)}{P(x)+Q(x)}\right)\right)/2$
MH	Manhattan	$\sum_x P(x) - Q(x) $

Figure S1. Measure of distance between ILDs. $P(x)$ and $Q(x)$ represent two ILDs to be compared. A, B, and C denote the specified area. For continuous ILD models, summation should be replaced by integration.

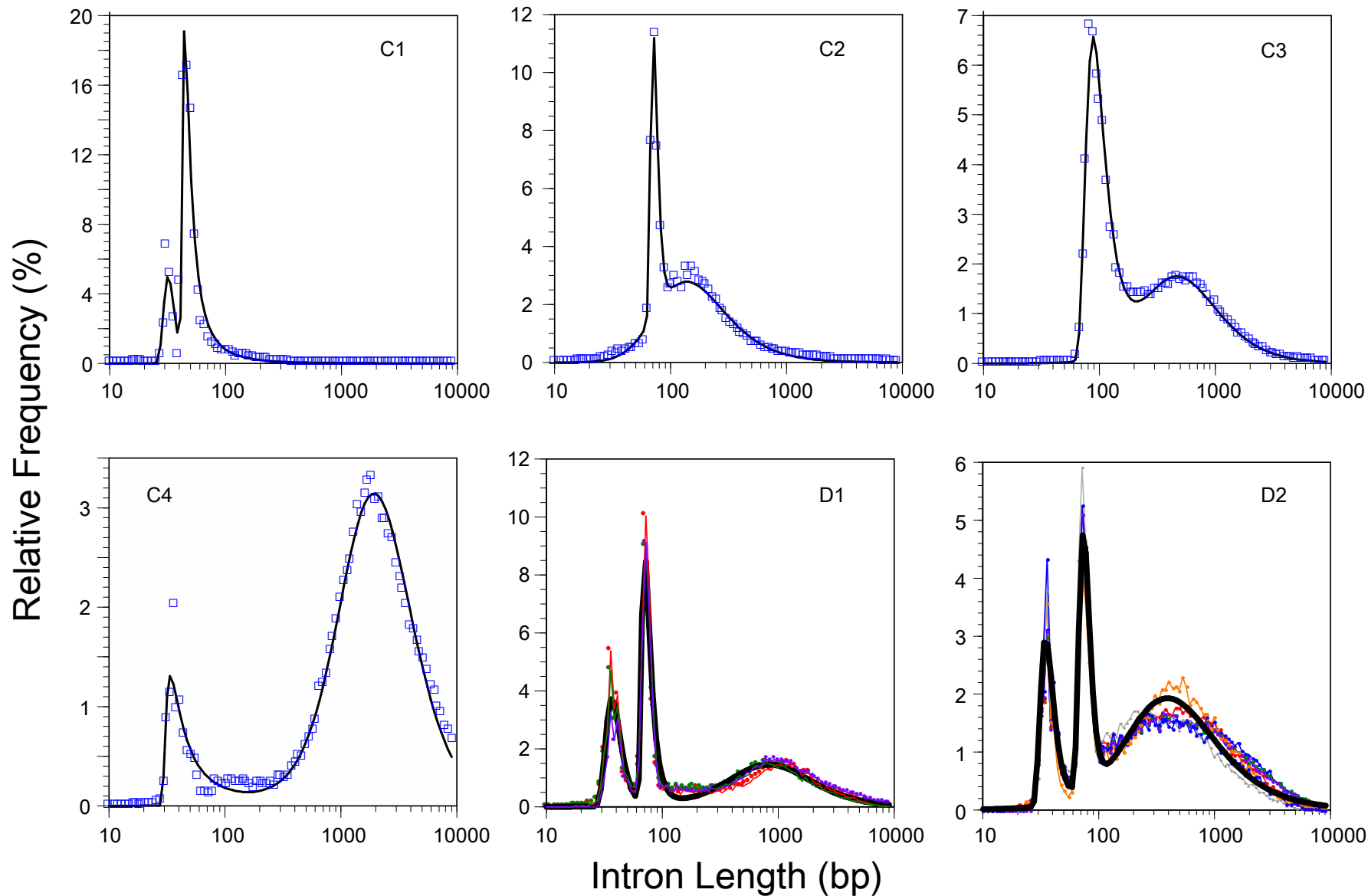


Figure S2. Statistical models (lines) and observed ILDs (marks) of enlarged versions of Figures 1C and 1D. C1: *Dioszegia cryoxerica* (fungus), C2: *Emiliania huxleyi* (protist), C3: *Oryza brachyantha* (plant), C4: *Schistosoma haematobium* (animal), D1: ensemble model of three *Hymenolepis*, D2: ensemble model of six *Taeniidae* plus one *Mesocestoididae* members of tapeworms. In D1 and D2, thick black line represents the model ILD whereas colored thin lines with dots represent individual observed ILDs.

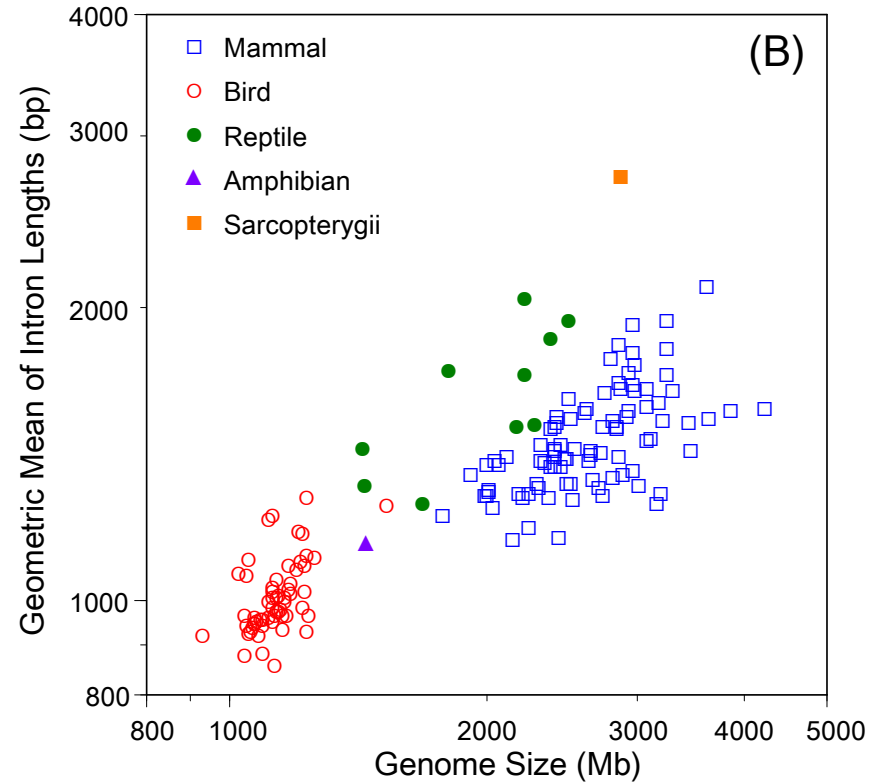
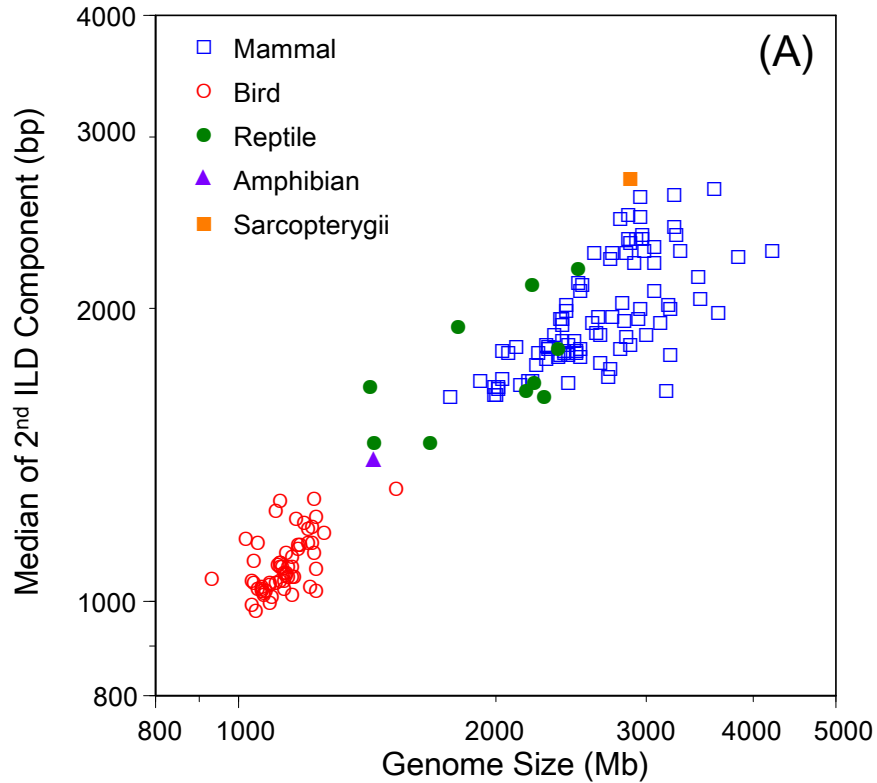


Figure S3. Log-log plot between genome size (X-axis) and representative value of intron lengths (Y-axis) for 161 tetrapods. (A) Y-axis represents the median of the second component of each two-component ILD model. (B) Y-axis represents the gross geometric mean of each observed ILD.

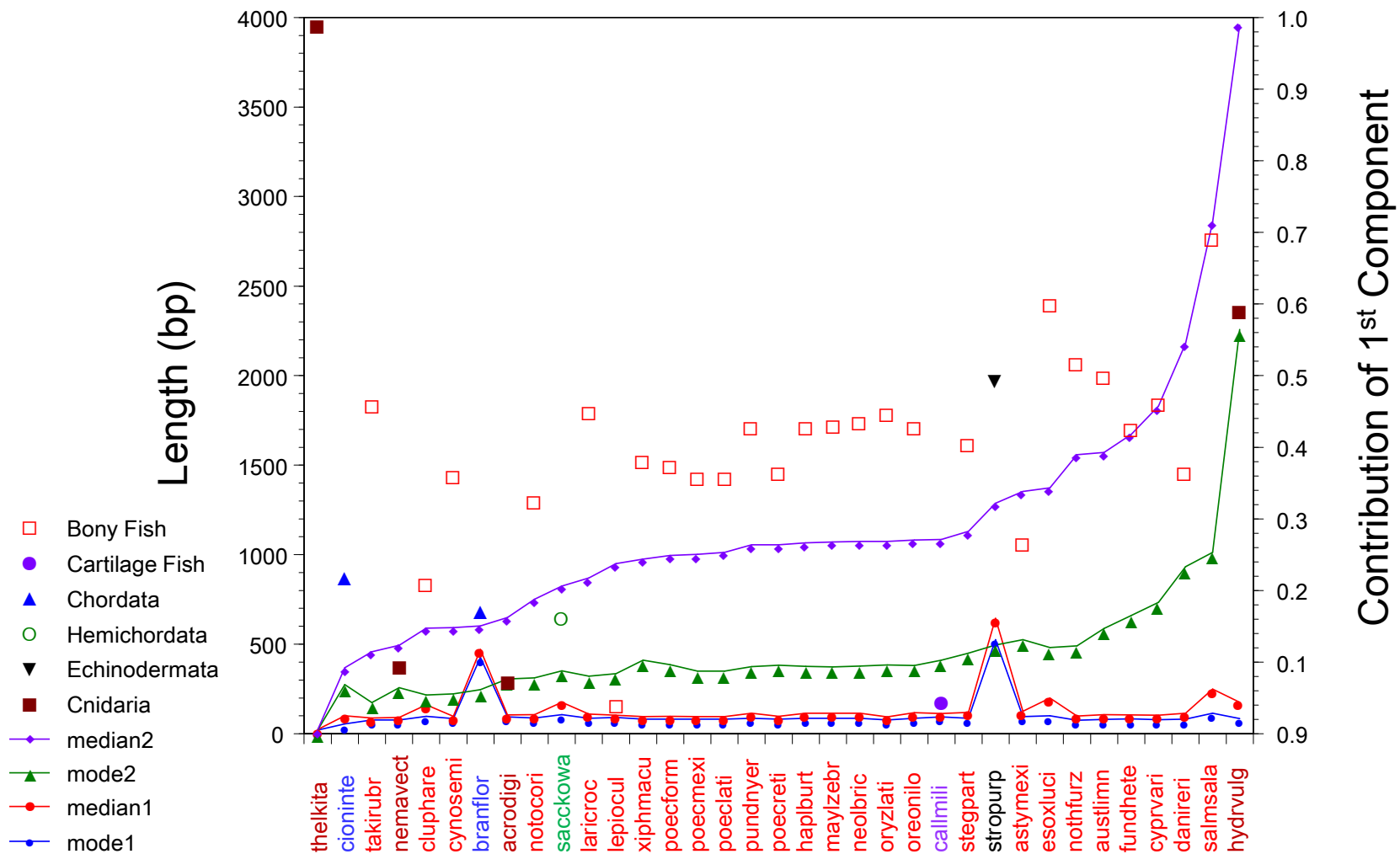


Figure S4. Ident characteristics of Deuterostomes and *Cnidaria*. The species code and numerical values are listed in Table S3. Taxonomic clades are color coded. Small symbols with connecting lines indicate mode and median of individual ilidents. Large symbols indicate the fractional contributions of the first (shorter) ilidents.

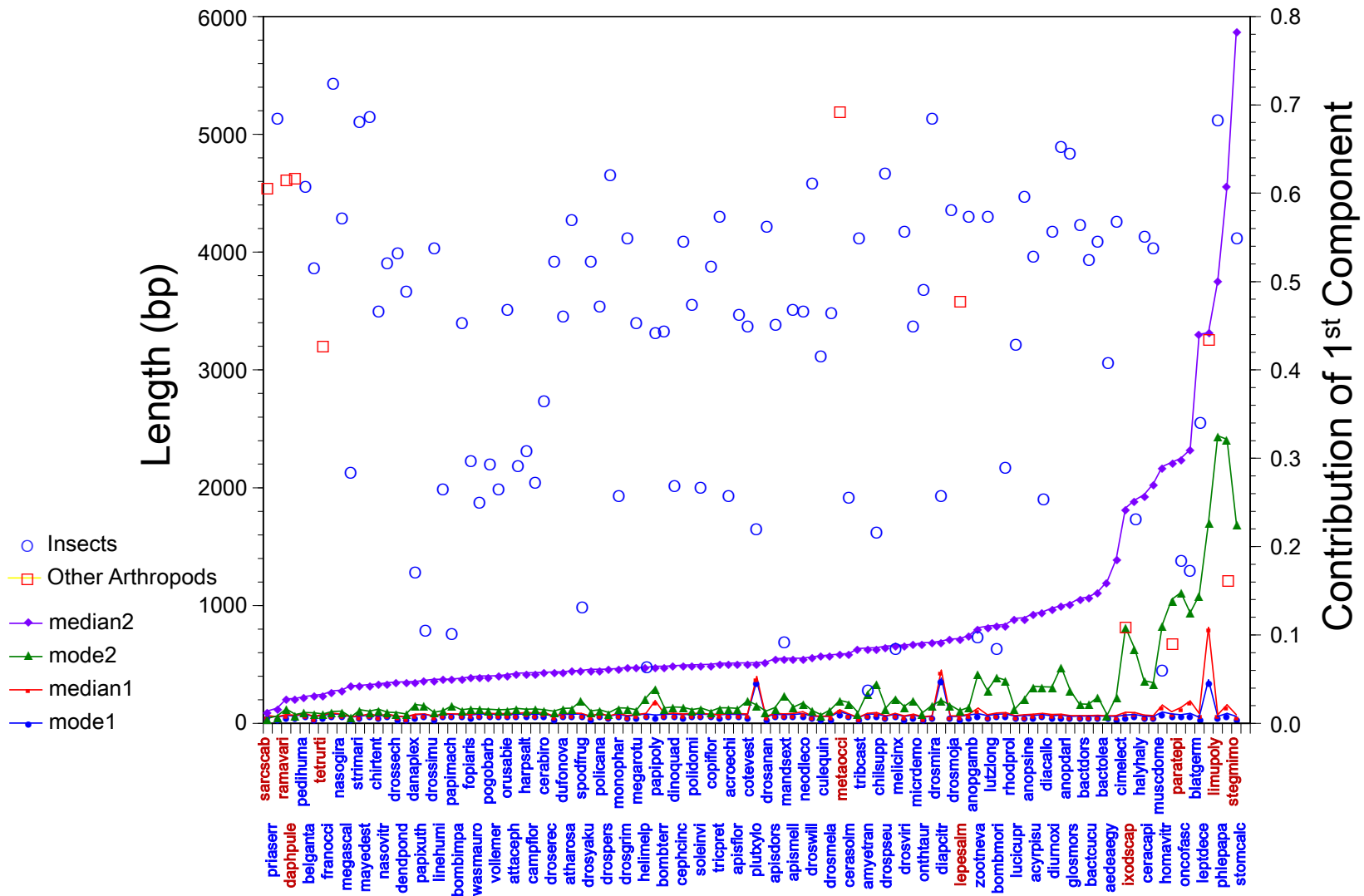


Figure S5. Ildent characteristics of Arthropods. The species code and numerical values are listed in Table S3. Taxonomic clades are color coded. Small symbols with connecting lines indicate mode and median of individual ildents. Large symbols indicate the fractional contributions of the first (shorter) ildents.

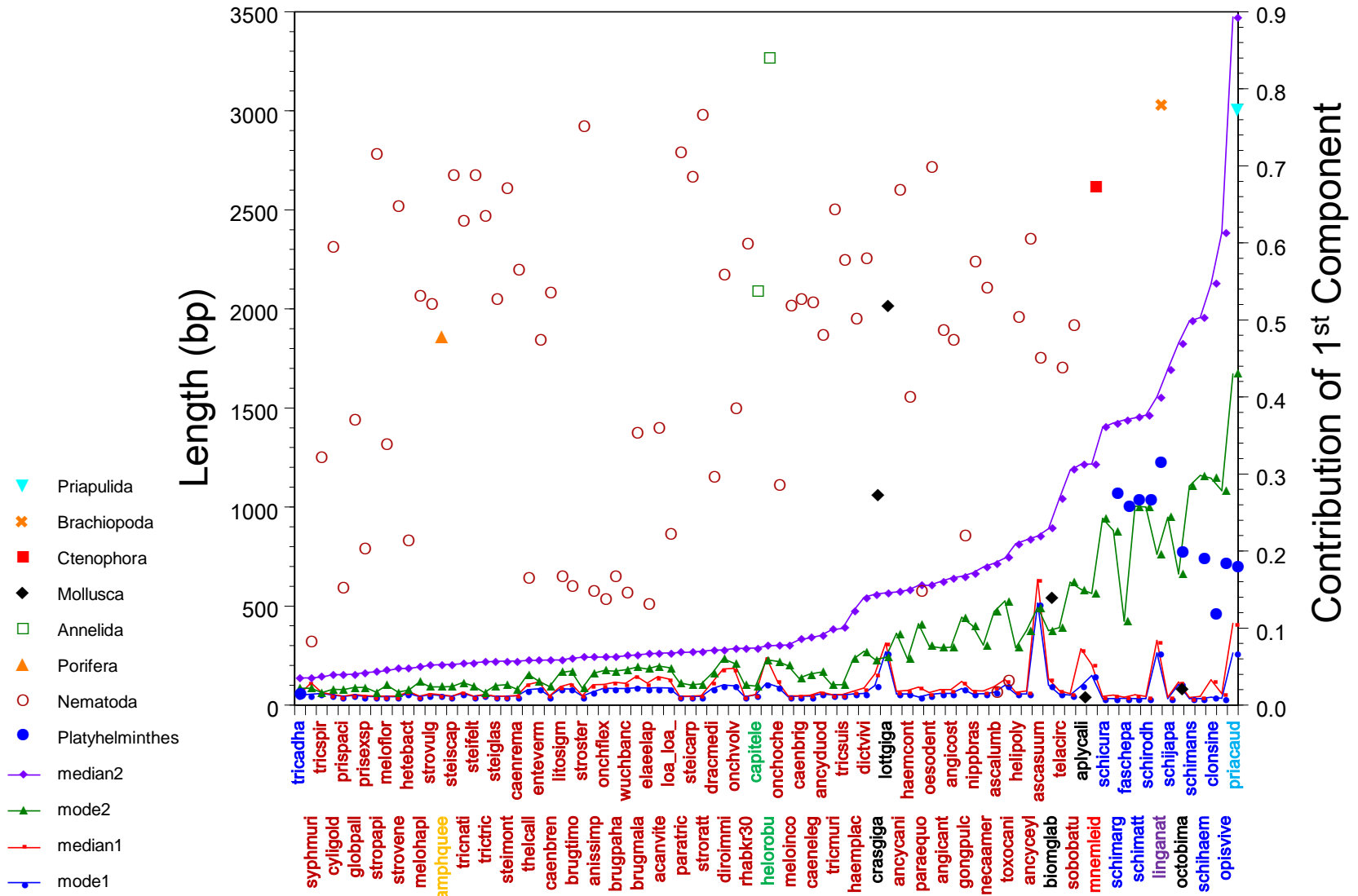


Figure S6. Ildent characteristics of two-component ILDs of miscellaneous metazoans. The species code and numerical values are listed in Table S3. Taxonomic clades are color coded. Small symbols with connecting lines indicate mode and median of individual ildents. Large symbols indicate the fractional contributions of the first (shorter) ildents.

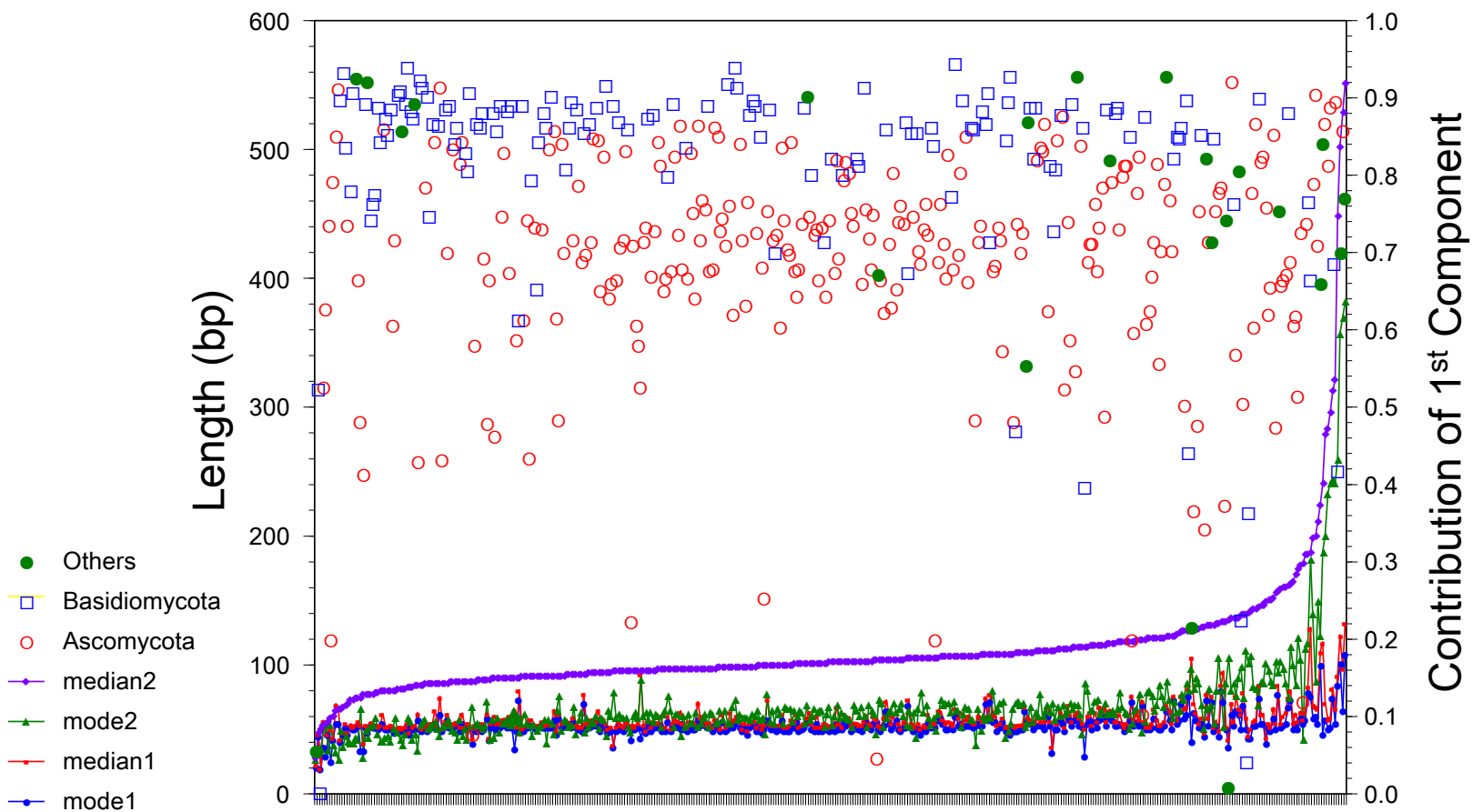


Figure S7. Ildent characteristics of 416 fungi. Numerical values are listed in Table S3. Taxonomic clades are color coded. Small symbols with connecting lines indicate mode and median of individual ildents. Large symbols indicate the fractional contributions of the first (shorter) ildents.

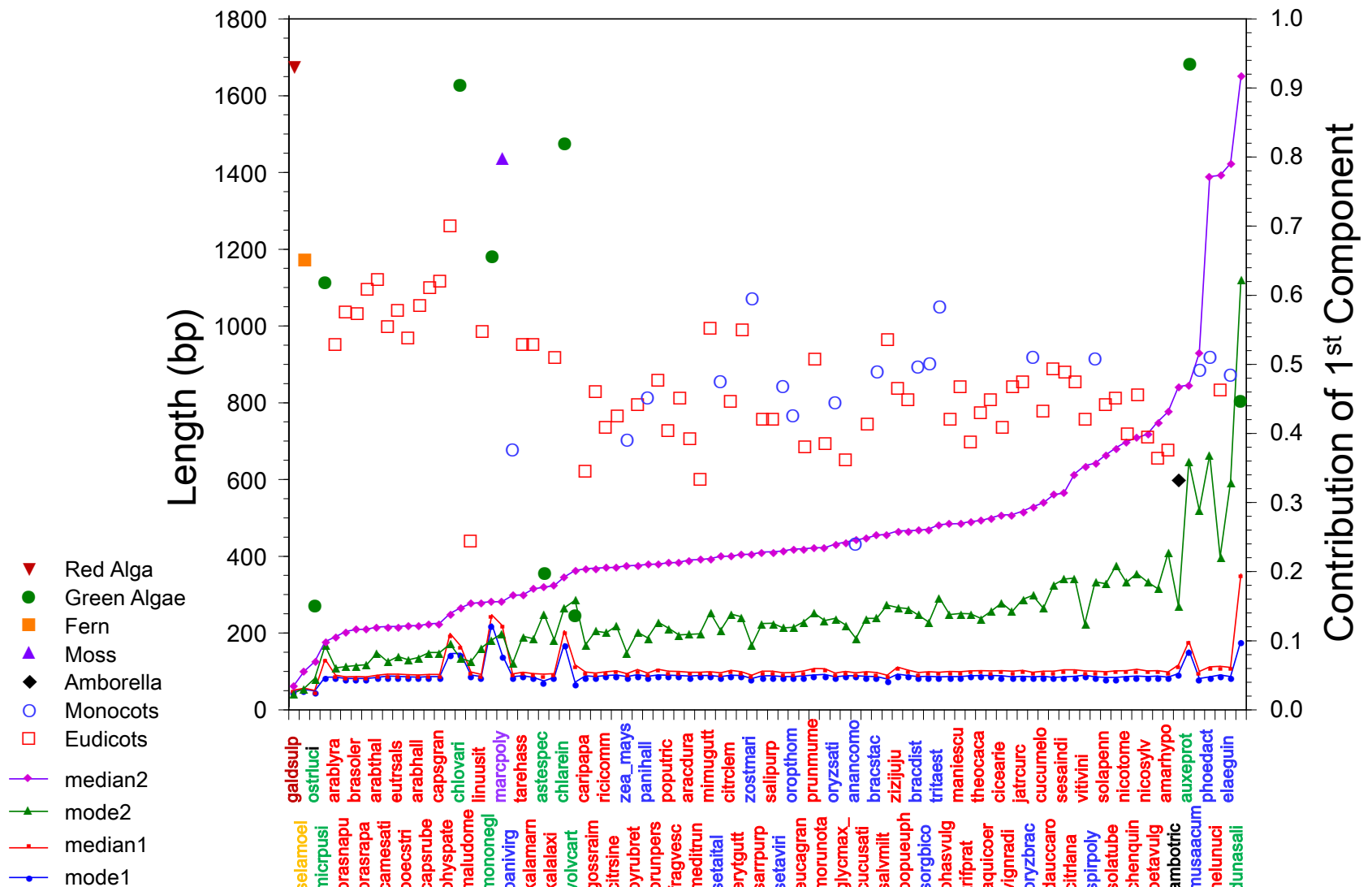


Figure S8. Ident characteristics of Plants. The species code and numerical values are listed in Table S3. Taxonomic clades are color coded. Small symbols with connecting lines indicate mode and median of individual ildents. Large symbols indicate the fractional contributions of the first (shorter) ildents.

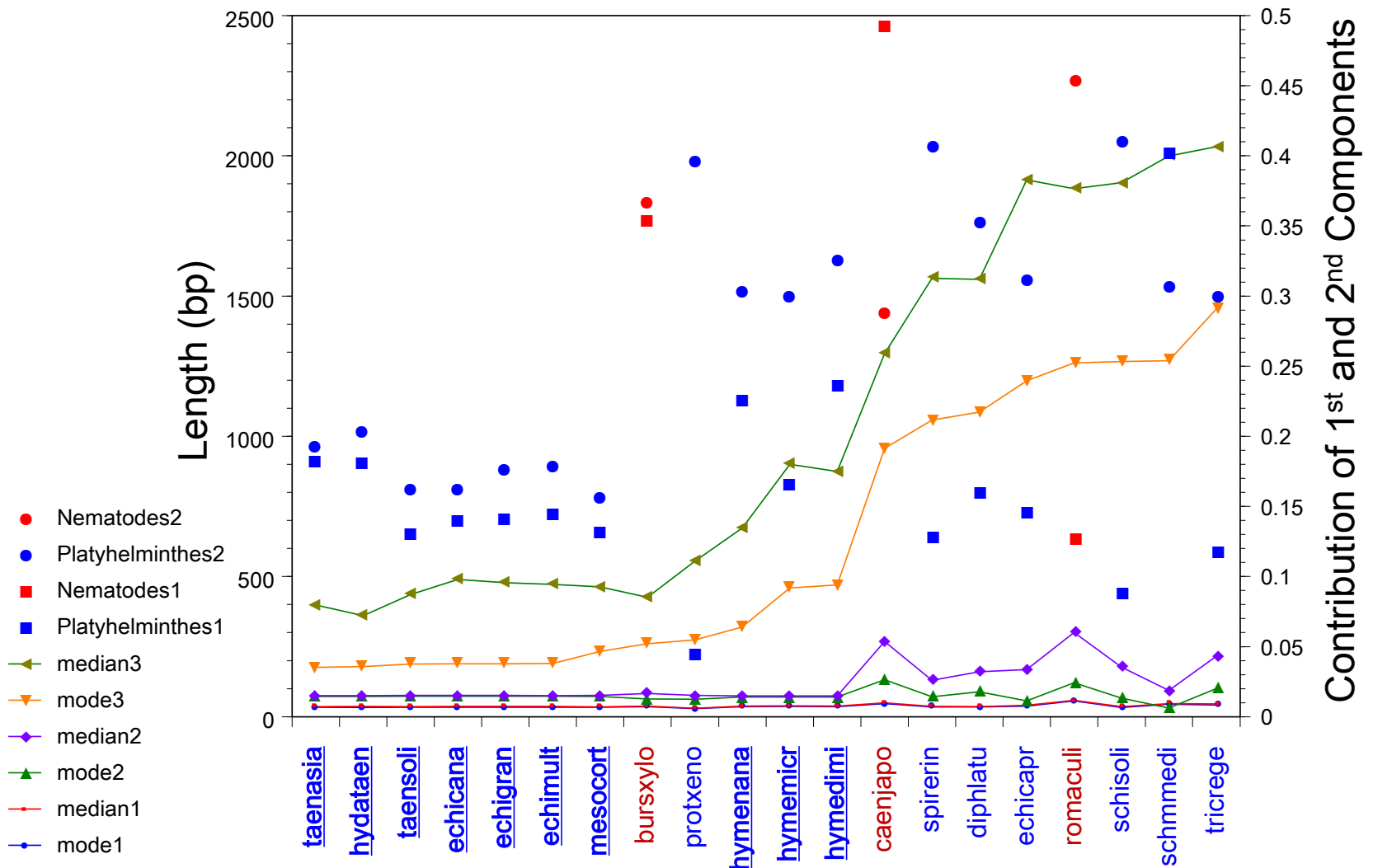


Figure S10. Ident characteristics of triple modal ILDs. The species code and numerical values are listed in Table S3. Taxonomic clades are color coded. Small symbols with connecting lines indicate mode and median of individual ildents. Large squares and large circles indicate the fractional contributions of the first (shortest) and the second ildents, respectively.

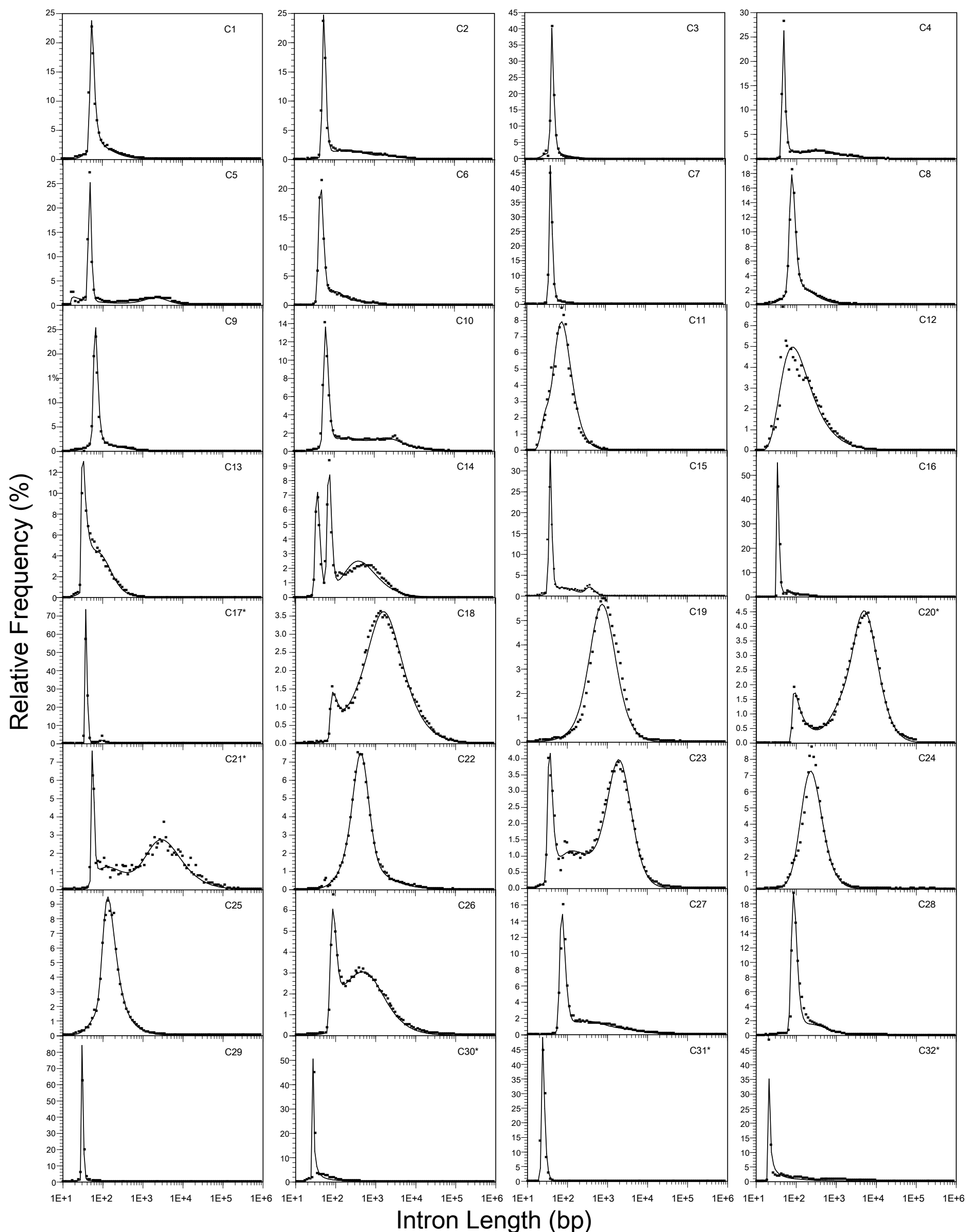


Figure S11. Consensus ILDs of 32 Clusters. Observed ILDs (small boxes) were obtained by sampling introns from the species in the cluster. Statistical models (lines) were obtained with *Fitild* as described in the text. Characteristics of individual consensus ILDs are summarized in Supplementary Table S4. Asterisk indicates singleton cluster.

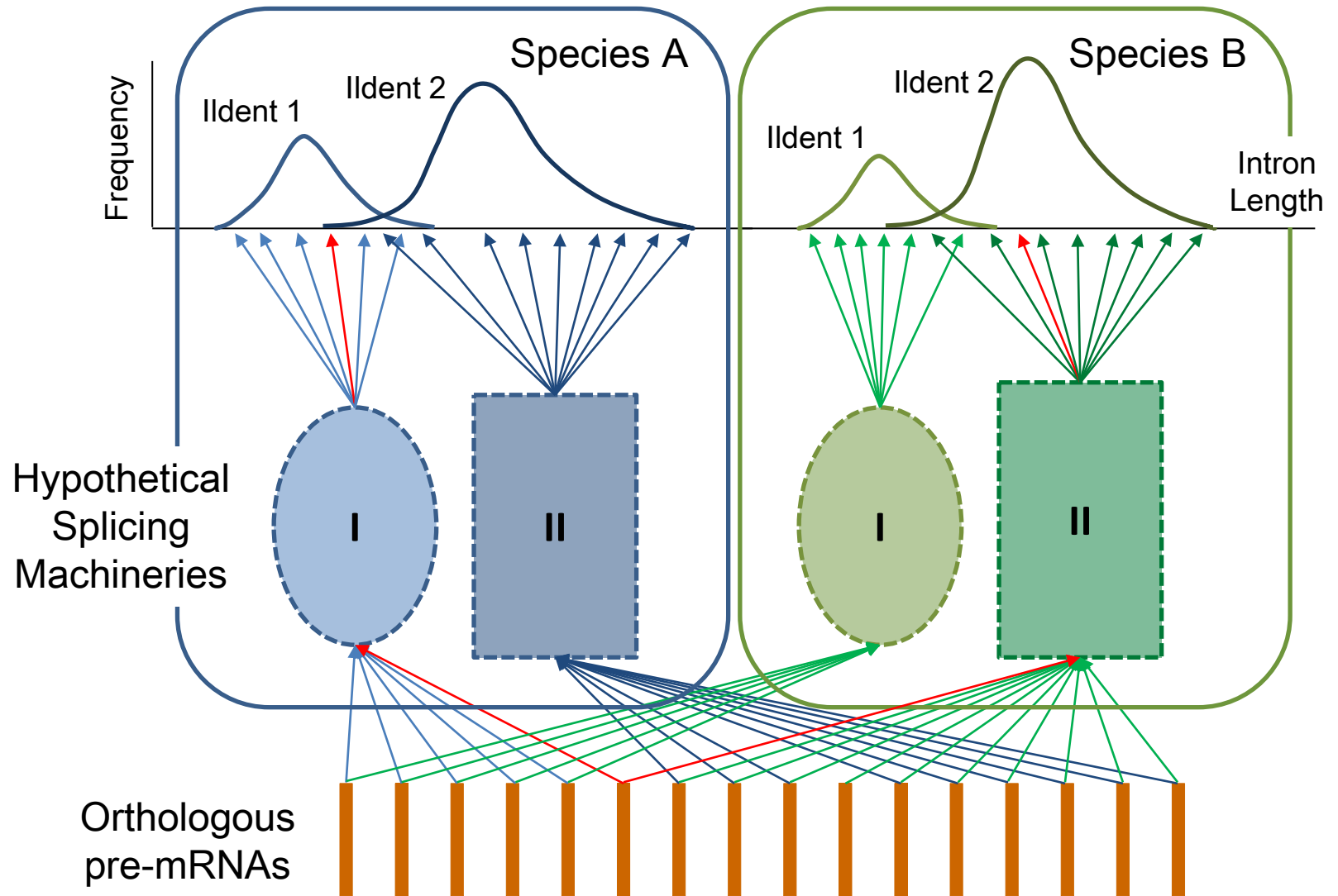


Figure S12. Schematic presentation of the concept of ildents. Orthologous introns in species A and B are processed by either of the conserved hypothetical splicing machineries I or II. An ildent refers to the subset of introns processed by one of the machineries. The ildents processed by the same type of machinery in different species are labeled identically. When the subset of introns is inferred by decomposition of an observed ILD, each component of the ILD may also be called an ildent. Orthologous introns are generally processed by the same type of machineries but rare discordances can occur (red arrows). For simplicity, each pre-mRNA is assumed to have at most one intron.

Supplementary Table S1. Resources of sequence data.

SpecID	Species	Genome	Transcript	Annotation
aaosarxi	Aaosphaeria arxii	JGI	jgi	-
acancast	Acanthamoeba castellanii	EMBL	-	embl
acanchlo	Acanthisitta chloris	NCBI	-	ncbi
acavite	Acanthocheilonema viteae	WORM	-	worm
acidrich	Acidomyces richmondensis	JGI	jgi	-
acinjuba	Acinonyx jubatus	NCBI	-	ncbi
acrealca	Acremonium alcalophilum	JGI	jgi	-
acrestri	Acremonium strictum	JGI	jgi	-
acrodigi	Acropora digitifera	NCBI	-	ncbi
acroechi	Acromyrmex echinator	NCBI	-	ncbi
acyrpisu	Acyrtosiphon pisum	NCBI	-	ncbi,embl
acytsubg	Acyrostelium subglobosum	NCBI	ncbi	ncbi
aedeaegy	Aedes aegypti	NCBI	insc	ncbi,embl
agarbisp	Agaricus bisporus	JGI	jgi	-
agarhyph	Agaricostilbum hyphaenes	JGI	jgi	-
ailumela	Ailuropoda melanoleuca	NCBI	-	ncbi
albucand	Albugo candida	EMBL	-	embl
albulaib	Albugo laibachii	EMBL	-	embl
allimiss	Alligator mississippiensis	NCBI	-	ncbi
allisine	Alligator sinensis	NCBI	-	ncbi
altealte	Alternaria alternata	JGI	jgi	-
altebras	Alternaria brassicicola	JGI	-	jgi
amanmusc	Amanita muscaria	JGI	-	jgi
amanthie	Amanita thiersii	JGI	jgi	-
amarhypo	Amaranthus hypochondriacus	PHYT	-	phyt
ambotric	Amborella trichopoda	PHYT	gdb	-
amnilign	Amniculicola lignicola	JGI	jgi	-
amorresi	Amorphotheca resiniae	JGI	jgi	-
amphquee	Amphimedon queenslandica	EMBL	-	ncbi,embl
amyetran	Amyeloides transitella	NCBI	-	ncbi
anancomo	Ananas comosus	PHYT	-	phyt
anasplat	Anas platyrhynchos	NCBI	-	ncbi
ancycani	Ancylostoma caninum	WORM	-	worm
ancyceyl	Ancylostoma ceylanicum	WORM	-	worm
ancyduod	Ancylostoma duodenale	WORM	-	worm
angicant	Angiostrongylus cantonensis	WORM	-	worm
angicost	Angiostrongylus costaricensis	WORM	-	worm
angodean	Angomonas deanei	EMBL	dbest	embl
anissimp	Anisakis simplex	WORM	-	worm
anolcaro	Anolis carolinensis	NCBI	-	ncbi
anopalbi	Anopheles albimanus	INSC	insc	-
anopdarl	Anopheles darlingi	INSC	insc	embl
anopgamb	Anopheles gambiae	INSC	-	ncbi,embl
anopglab	Anoplophora glabripennis	INSC	insc	-
anopsine	Anopheles sinensis	INSC	insc	insc
ansecygn	Anser cygnoides	NCBI	-	ncbi
anthavoc	Anthostoma avocetta	JGI	jgi	-
antrsinu	Antrodia sinuosa	JGI	jgi	-
aotunanc	Aotus nancymae	NCBI	-	ncbi
apalvitt	Apaloderma vittatum	NCBI	-	ncbi
aphaasta	Aphanomyces astaci	EMBL	-	embl

aphainva	Aphanomyces invadans	EMBL	-	embl
apiomont	Apiospora montagnei	JGI	jgi	-
apisdors	Apis dorsata	INSC	-	ncbi
apisflor	Apis florea	INSC	-	ncbi
apismell	Apis mellifera	INSC	-	ncbi,embl
aplakerg	Aplanochytrium kerguelense	JGI	jgi	-
aploprun	Aplosporella prunicola	JGI	jgi	-
aplycali	Aplysia californica	NCBI	-	ncbi
aporcary	Aporpium caryae	JGI	jgi	-
apte aust	Apteryx australis	NCBI	-	ncbi
aptefors	Aptenodytes forsteri	NCBI	-	ncbi
aquichry	Aquila chrysaetos	NCBI	-	ncbi
aquicoer	Aquilegia coerulea	PHYT	gdb,unig	-
arabhall	Arabidopsis halleri	PHYT	-	phyt
arablyra	Arabidopsis lyrata	PHYT	jgi	-
arabthal	Arabidopsis thaliana	PHYT	gdb,unig	-
aracdura	Arachis duranensis	NCBI	-	ncbi
armigall	Armillaria gallica	JGI	jgi	-
armimell	Armillaria mellea	JGI	-	jgi
arthbenh	Arthroderma benhamiae	JGI	-	jgi
artholig	Arthrobotrys oligospora	JGI	-	jgi
artoeleg	Artolenzites elegans	JGI	jgi	-
ascalumb	Ascaris lumbricoides	WORM	-	worm
ascasuum	Ascaris suum	WORM	-	worm
ascoimme	Ascobolus immersus	JGI	jgi	-
asconigr	Ascodesmis nigricans	JGI	jgi	-
ascorube	Ascoidea rubescens	JGI	jgi	-
ascosarc	Ascocoryne sarcoides	JGI	-	jgi
ashbgoss	Ashbya gossypii	JGI	-	jgi
aspeacid	Aspergillus acidus	JGI	jgi	-
aspeacul	Aspergillus aculeatus	JGI	jgi	-
aspebras	Aspergillus brasiliensis	JGI	jgi	-
aspecamp	Aspergillus campestris	JGI	jgi	-
aspecarb	Aspergillus carbonarius	JGI	jgi	-
aspeclav	Aspergillus clavatus	JGI	-	jgi
aspeflav	Aspergillus flavus	JGI	-	jgi
aspefumi	Aspergillus fumigatus	JGI	-	jgi
aspeglau	Aspergillus glaucus	JGI	-	jgi
aspekawa	Aspergillus kawachii	JGI	jgi	-
aspenidu	Aspergillus nidulans	JGI	-	jgi
aspenige	Aspergillus niger	JGI	jgi	-
aspenovo	Aspergillus novofumigatus	JGI	jgi	-
aspeochr	Aspergillus ochraceoroseus	JGI	jgi	-
aspeoryz	Aspergillus oryzae	JGI	-	jgi
aspestey	Aspergillus steynii	JGI	jgi	-
aspesydo	Aspergillus sydowii	JGI	jgi	-
aspeterr	Aspergillus terreus	JGI	-	jgi
aspetubi	Aspergillus tubingensis	JGI	jgi	-
aspevers	Aspergillus versicolor	JGI	jgi	-
aspewent	Aspergillus wentii	JGI	jgi	-
aspezona	Aspergillus zonatus	JGI	-	jgi
astespec	Asterochloris spec	JGI	jgi	-
astymexi	Astyanax mexicanus	NCBI	-	ncbi
atharosa	Athalia rosae	INSC	-	ncbi

atraspec	Atractiellales spec	JGI	jgi	-
attaceph	Atta cephalotes	INSC	-	ncbi,embl
aulohede	Aulographum hederiae	JGI	jgi	-
auralima	Aurantiochytrium limacinum	JGI	jgi	-
aureanop	Aureococcus anophagefferens	JGI	jgi	-
aurepull	Aureobasidium pullulans	JGI	-	jgi
aurisubg	Auricularia subglabra	JGI	jgi	-
aurivulg	Auriscalpium vulgare	JGI	jgi	-
austlimn	Austrofundulus limnaeus	NCBI	-	ncbi
auxeprot	Auxenochlorella protothecoides	NCBI	-	ncbi
babebige	Babesia bigemina	EMBL	embl,dbest	embl
babebovi	Babesia bovis	EMBL	embl,dbest	embl
babeequi	Babesia equi	EMBL	embl,dbest	embl
babemicr	Babesia microti	EUPT	embl	eupt,embl
babjinos	Babjeviella inositovora	JGI	jgi	-
backcirc	Backusella circina	JGI	jgi	-
bactcucu	Bactrocera cucurbitae	INSC	-	ncbi
bactdors	Bactrocera dorsalis	INSC	-	ncbi,insc
bactolea	Bactrocera oleae	NCBI	-	ncbi
balaacut	Balaenoptera acutorostrata	NCBI	-	ncbi
baleregu	Balearica regulorum	NCBI	-	ncbi
batrdend	Batrachochytrium dendrobatidis	JGI	jgi	-
baudcomp	Baudoinia compniacensis	JGI	jgi	-
beaubass	Beauveria bassiana	JGI	-	jgi
belganta	Belgica antarctica	INSC	-	embl,insc
betavulg	Beta vulgaris	NCBI	-	ncbi
bigenata	Bigelowiella natans	JGI	jgi	-
bimunova	Bimuria novae-zelandiae	JGI	jgi	-
biomglab	Biomphalaria glabrata	NCBI	-	ncbi
bisobiso	Bison bison	NCBI	-	ncbi
bjeradus	Bjerkandera adusta	JGI	jgi	-
blasaden	Blastobotrys adenivorans	JGI	-	jgi
blashomi	Blastocystis hominis	EMBL	embl,dbest	embl
blasspec	Blastocystis spec	NCBI	-	ncbi
blatgerm	Blattella germanica	INSC	insc	-
blumgram	Blumeria graminis	JGI	-	jgi
boecstri	Boechera stricta	PHYT	-	phyt
boleedul	Boletus edulis	JGI	jgi	-
bombimpa	Bombus impatiens	INSC	-	ncbi,embl
bombmori	Bombyx mori	INSC	-	ncbi,embl
bombterr	Bombus terrestris	NCBI	insc	ncbi,insc
bos_mutu	Bos mutus	NCBI	-	ncbi
bos_taur	Bos taurus	NCBI	-	ncbi
botrbotr	Botryobasidium botryosum	JGI	jgi	-
botrcine	Botrytis cinerea	JGI	-	jgi
botrdoth	Botryosphaeria dothidea	JGI	-	jgi
bracdist	Brachypodium distachyon	PHYT	gdb,unig	-
bracstac	Brachypodium stacei	PHYT	-	phyt
branflor	Branchiostoma floridae	NCBI	-	ncbi
brasnapu	Brassica napus	NCBI	-	ncbi
brasoler	Brassica oleracea	NCBI	-	ncbi
brasrapa	Brassica rapa	PHYT	gdb,unig	-
brugmala	Brugia malayi	WORM	-	ncbi,embl,worm
brugpaha	Brugia pahangi	WORM	-	worm

brughtimo	Brugia timori	WORM	-	worm
bubabuba	Bubalus bubalis	NCBI	-	ncbi
bucerhin	Buceros rhinoceros	NCBI	-	ncbi
bursxylo	Bursaphelenchus xylophilus	WORM	-	worm
bysscirc	Bysothecium circinans	JGI	jgi	-
cadospec	Cadophora spec	JGI	jgi	-
caenbren	Caenorhabditis brenneri	WORM	-	embl,worm
caenbrig	Caenorhabditis briggsae	WORM	-	ncbi,embl,worm
caeneleg	Caenorhabditis elegans	WORM	-	ncbi,embl,worm
caenjapo	Caenorhabditis japonica	WORM	-	embl,worm
caenrema	Caenorhabditis remanei	WORM	-	ncbi,embl,worm
caliorie	Caliciopsis orientalis	JGI	-	jgi
calipugn	Calidris pugnax	NCBI	-	ncbi
calljacc	Callithrix jacchus	NCBI	-	ncbi
callmili	Callorhinchus milii	NCBI	-	ncbi
calocorn	Calocera cornea	JGI	jgi	-
calopulc	Calosphaeria pulchella	JGI	-	jgi
calovisc	Calocera viscosa	JGI	jgi	-
calyanna	Calypte anna	NCBI	-	ncbi
camebact	Camelus bactrianus	NCBI	-	ncbi
camedrom	Camelus dromedarius	NCBI	-	ncbi
cameferu	Camelus ferus	NCBI	-	ncbi
comesati	Camelina sativa	NCBI	-	ncbi
campflor	Camponotus floridanus	INSC	-	ncbi
candarab	Candida arabinofementans	JGI	jgi	-
candcase	Candida caseinolytica	JGI	jgi	-
candtanz	Candida tanzawaensis	JGI	jgi	-
candtenu	Candida tenuis	JGI	jgi	-
canilup	Canis lupus	NCBI	-	ncbi
capitele	Capitella teleta	EMBL	-	embl
caprcaro	Caprimulgus carolinensis	NCBI	-	ncbi
caprhir	Capra hircus	NCBI	-	ncbi
capsgran	Capsella grandiflora	PHYT	-	phyt
capsowcz	Capsaspora owczarzaki	BROD	embl,dbest	embl
capsrube	Capsella rubella	PHYT	-	phyt
caricris	Cariama cristata	NCBI	-	ncbi
caripapa	Carica papaya	PHYT	gdb	-
cateangu	Catenaria anguillulae	JGI	jgi	-
caviporc	Cavia porcellus	NCBI	-	ncbi
cenogeop	Cenococcum geophilum	JGI	jgi	-
cephalbi	Cephaloascus albidus	JGI	jgi	-
cephcinc	Cephus cinctus	INSC	-	ncbi
cephfrag	Cephaloascus fragrans	JGI	jgi	-
cerabiro	Cerapachys biroi	INSC	-	ncbi
ceracapi	Ceratitidis capitata	INSC	-	ncbi,insc
cerasimu	Ceratotherium simum	NCBI	-	ncbi
cerasolm	Ceratosolen solmsi	NCBI	-	ncbi
cercatys	Cercocebus atys	NCBI	-	ncbi
cerczeae	Cercospora zeae-maydis	JGI	jgi	-
cerisubv	Ceriporiopsis subvermisporea	JGI	jgi	-
cerrunic	Cerrena unicolor	JGI	jgi	-
chaeglob	Chaetomium globosum	JGI	jgi	-
chaepela	Chaetura pelagica	NCBI	-	ncbi
challong	Chalara longipes	JGI	jgi	-

charvoci	Charadrius vociferus	NCBI	-	ncbi
chelmyda	Chelonia mydas	NCBI	-	ncbi
chenquin	Chenopodium quinoa	PHYT	-	phyt
chilsupp	Chilo suppressalis	INSC	-	insc
chinlani	Chinchilla lanigera	NCBI	-	ncbi
chioapob	Chionosphaera apobasidialis	JGI	jgi	-
chirtent	Chironomus tentans	INSC	insc	-
chlamacq	Chlamydotis macqueenii	NCBI	-	ncbi
chlarein	Chlamydomonas reinhardtii	PHYT	gdb,unig	-
chlosaba	Chlorocebus sabaeus	NCBI	-	ncbi
chlovari	Chlorella variabilis_NC64A	JGI	jgi,gdb	-
choiveno	Choiromyces venosus	JGI	jgi	-
choncris	Chondrus crispus	EMBL	embl,dbest	embl
chromeso	Chroomonas mesostigmatica	EMBL	-	embl
chroveli	Chromera velia	EUPT	eupt,dbest	eupt
chryasia	Chrysochloris asiatica	NCBI	-	ncbi
chrypict	Chrysemys picta	NCBI	-	ncbi
cicearie	Cicer arietinum	NIPGR	gdb	-
cimelect	Cimex lectularius	INSC	-	ncbi
cioninte	Ciona intestinalis	NCBI	-	ncbi
citrcllem	Citrus clementina	PHYT	gdb	^
citrlana	Citrullus lanatus	ICGUI	gdb	-
citrsine	Citrus sinensis	PHYT	gdb	-
cladfulv	Cladosporium fulvum	JGI	-	jgi
cladgray	Cladonia grayi	JGI	jgi	-
clatelyn	Clathrospora elyngae	JGI	jgi	-
clavpyxi	Clavicornia pyxidata	JGI	jgi	-
clavspec	Clavulina spec	JGI	jgi	-
clonsine	Clonorchis sinensis	WORM	-	worm
cluphare	Clupea harengus	NCBI	-	ncbi
coccimmi	Coccidioides immitis	JGI	-	jgi
cochcarb	Cochliobolus carbonum	JGI	-	jgi
cochhete	Cochliobolus heterostrophus	JGI	jgi	-
cochluna	Cochliobolus lunatus	JGI	jgi	-
cochmiya	Cochliobolus miyabeanus	JGI	-	jgi
cochsati	Cochliobolus sativus	JGI	jgi	-
cochvict	Cochliobolus victoriae	JGI	-	jgi
coemreve	Coemansia reversa	JGI	jgi	-
colistri	Colius striatus	NCBI	-	ncbi
collerem	Colletotrichum eremochloae	JGI	jgi	-
collfalc	Colletotrichum falcatum	JGI	jgi	-
collgram	Colletotrichum graminicola	JGI	-	jgi
collhigg	Colletotrichum higginsianum	JGI	-	jgi
collsome	Colletotrichum somersetensis	JGI	jgi	-
collsubl	Colletotrichum sublineola	JGI	jgi	-
collzoys	Colletotrichum zoysiae	JGI	jgi	-
coloango	Colobus angolensis	NCBI	-	ncbi
colulivi	Columba livia	NCBI	-	ncbi
condcris	Condylura cristata	NCBI	-	ncbi
conicoro	Conidiobolus coronatus	JGI	jgi	-
conilign	Coniochaeta ligniaria	JGI	jgi	-
conipute	Coniophora puteana	JGI	jgi	-
conispec	Coniochaeta spec	JGI	jgi	-
conithro	Conidiobolus thromboides	JGI	jgi	-

copiflor	Copidosoma floridanum	INSC	insc	ncbi
coprcine	Coprinopsis cinerea	JGI	-	jgi
cordmili	Cordyceps militaris	JGI	-	jgi
cortglau	Cortinarius glaucopus	JGI	jgi	-
corvbrac	Corvus brachyrhynchos	NCBI	-	ncbi
corvcorn	Corvus cornix	NCBI	-	ncbi
corycass	Corynespora cassiicola	JGI	jgi	-
cotevest	Cotesia vestalis	INSC	-	insc
cotujapo	Coturnix japonica	NCBI	-	ncbi
crasgiga	Crassostrea gigas	EMBL	-	ncbi,embl
cricgris	Cricetulus griseus	NCBI	-	ncbi
critfasc	Crithidia fasciculata	EUPT	eupt,dbest	eupt
cronquer	Cronartium quercuum	JGI	jgi	-
cryphomi	Cryptosporidium hominis	EUPT	eupt,dbest	eupt
crypmuri	Cryptosporidium muris	EMBL	embl,dbest	embl
crypneof	Cryptococcus neoformans	JGI	jgi	-
cryppara	Cryptomonas paramecium	EMBL	-	embl
crypparf	Cryphonectria parf_asitica	JGI	jgi	-
crypparv	Cryptosporidium parvumlowa	EUPT	dbest	-
crypvish	Cryptococcus vishniacii	JGI	jgi	-
cucuberb	Cucurbitaria berberidis	JGI	jgi	-
cucucano	Cuculus canorus	NCBI	-	ncbi
cucumelo	Cucumis melo	NCBI	-	ncbi
cucusati	Cucumis sativus	PHYT	gdb	gbk
culequin	Culex quinquefasciatus	INSC	-	ncbi,embl
cyanmero	Cyanidioschyzon merolae	NCBI	-	ncbi
cybejadi	Cyberlindnera jadinii	JGI	jgi	-
cyligold	Cylicostephanus goldi	WORM	-	worm
cylitorr	Cylindrobasidium torrendii	JGI	jgi	-
cynosemi	Cynoglossus semilaevis	NCBI	-	ncbi
cyprvari	Cyprinodon variegatus	NCBI	-	ncbi
cytafeli	Cytauxzoon felis	EUPT	-	eupt
dacrspec	Dacryopinax spec	JGI	jgi	-
daedquer	Daedalea quercina	JGI	jgi	-
daldesch	Daldinia eschscholzii	JGI	jgi	-
danaplex	Danaus plexippus	INSC	-	embl
danireri	Danio rerio	NCBI	-	ncbi
daphpule	Daphnia pulex	EMBL	-	embl
dasynove	Dasypus novemcinctus	NCBI	-	ncbi
dauccaro	Daucus carota	PHYT	gdb	phyt
debahans	Debaryomyces hansenii	JGI	-	jgi
dekkbrux	Dekkera bruxellensis	JGI	jgi	-
deliconf	Delitschia confertaspora	JGI	jgi	-
dendbisp	Dendrothele bispora	JGI	jgi	-
dendpond	Dendroctonus ponderosae	INSC	insc	embl,insc
diacallo	Diachasma alloeum	NCBI	-	ncbi
diapcitr	Diaphorina citri	INSC	-	ncbi
dichsqua	Dichomitus squalens	JGI	jgi	-
dictdisc	Dictyostelium discoideum	EMBL	unig	embl
dictfasc	Dictyostelium fasciculatum	EMBL	-	embl
dictpurp	Dictyostelium purpureum	JGI	jgi	-
dictvivi	Dictyocaulus viviparus	WORM	-	worm
didyexig	Didymella exigua	JGI	jgi	-
dinoquad	Dinoponera quadriceps	NCBI	-	ncbi

dioscryo	Dioszegia cryoxerica	JGI	jgi	-
diphlatu	Diphyllobothrium latum	WORM	-	worm
dipoordi	Dipodomys ordii	NCBI	-	ncbi
diroimmi	Dirofilaria immitis	WORM	-	worm
dissacic	Dissoconium aciculare	JGI	jgi	-
diurnoxi	Diuraphis noxia	NCBI	-	ncbi
dothsept	Dothistroma septosporum	JGI	jgi	-
dothsymp	Dothidotthia symphoricarpi	JGI	jgi	-
dracmedi	Dracunculus medinensis	WORM	-	worm
drosanan	Drosophila ananassae	INSC	insc	ncbi,embl
droserec	Drosophila erecta	INSC	insc	ncbi,embl
drosgrim	Drosophila grimshawi	INSC	insc	ncbi,embl
drosmela	Drosophila melanogaster	INSC	-	ncbi,embl
drosmira	Drosophila miranda	INSC	-	insc
drosmoja	Drosophila mojavensis	INSC	insc	ncbi,embl
drospers	Drosophila persimilis	INSC	-	ncbi,embl
drospseu	Drosophila pseudoobscura	EMBL	insc	ncbi,embl
drossech	Drosophila sechellia	INSC	insc	ncbi,embl
drossimu	Drosophila simulans	INSC	insc	ncbi,embl
drosviri	Drosophila virilis	INSC	insc	ncbi,embl
droswill	Drosophila willistoni	INSC	insc	ncbi,embl
drosyaku	Drosophila yakuba	INSC	insc	ncbi,embl
dufonova	Dufourea novaeangliae	NCBI	-	ncbi
dunasali	Dunaliella salina	PHYT	-	phyt
echicana	Echinococcus canadensis	WORM	-	worm
echicapr	Echinostoma caproni	WORM	-	worm
echigran	Echinococcus granulosus	WORM	-	worm
echimult	Echinococcus multilocularis	WORM	-	worm
echitelf	Echinops telfairi	NCBI	-	ncbi
egregarz	Egretta garzetta	NCBI	-	ncbi
eimeacer	Eimeria acervulina	EMBL	embl,dbest	embl
eimebrun	Eimeria brunetti	EMBL	embl,dbest	embl
eimemaxi	Eimeria maxima	EMBL	embl,dbest	embl
eimemiti	Eimeria mitis	EMBL	-	embl
eimeneca	Eimeria necatrix	EMBL	-	embl
eimeprae	Eimeria praecox	EMBL	-	embl
eimetene	Eimeria tenella	EMBL	embl,dbest	embl
elaeelap	Elaeophora elaphi	WORM	-	worm
elaequin	Elaeis guineensis	NCBI	-	ncbi
elepewa	Elephantulus edwardii	NCBI	-	ncbi
emilhuxl	Emiliana huxleyi	JGI	jgi	-
encecuni	Encephalitozoon cuniculi	JGI	-	jgi
encehell	Encephalitozoon hellem	JGI	-	jgi
enceinte	Encephalitozoon intestinalis	JGI	-	jgi
enceroma	Encephalitozoon romaleae	JGI	-	jgi
endomont	Endotrypanum monterogeii	EUPT	-	eupt
entadisp	Entamoeba dispar	EMBL	embl,dbest	embl
entahist	Entamoeba histolytica	EMBL	-	embl
entainva	Entamoeba invadens	EMBL	-	embl
entamosh	Entamoeba moshkovskii	EUPT	eupt,dbest	eupt
entanutt	Entamoeba nuttalli	EMBL	-	embl
enteverm	Enterobius vermicularis	WORM	-	worm
eperfalc	Epermenia falciformis	EUPT	-	eupt
eptefusc	Eptesicus fuscus	NCBI	-	ncbi

equuasin	Equus asinus	NCBI	-	ncbi
equucaba	Equus caballus	NCBI	-	ncbi
equuprze	Equus przewalskii	NCBI	-	ncbi
erembila	Eremomyces bilateralis	JGI	jgi	-
eremgoss	Eremothecium gossypii	JGI	-	jgi
erineuro	Erinaceus europaeus	NCBI	-	ncbi
erytgutt	Erythranthe guttata	NCBI	-	ncbi
erythase	Erythrobasidium hasegawianurr	JGI	jgi	-
esoxluci	Esox lucius	NCBI	-	ncbi
eucagran	Eucalyptus grandis	PHYT	gdb	gbk
eurorubr	Eurotium rubrum	JGI	-	jgi
euryheli	Eurypyga helias	NCBI	-	ncbi
eutsals	Eutrema salsugineum	PHYT	-	gbk
eutylata	Eutypa lata	JGI	-	jgi
exidglan	Exidia glandulosa	JGI	jgi	-
exobvacc	Exobasidium vaccinii	JGI	jgi	-
falccher	Falco cherrug	NCBI	-	ncbi
falcpere	Falco peregrinus	NCBI	-	ncbi
faschepa	Fasciola hepatica	WORM	-	worm
felicatu	Felis catus	NCBI	-	ncbi
fibrradi	Fibroporia radiculosa	JGI	-	jgi
fibuspec	Fibulorhizoctonia spec	JGI	jgi	-
ficealbi	Ficedula albicollis	NCBI	-	ncbi
fisthepa	Fistulina hepatica	JGI	-	jgi
fomimedi	Fomitiporia mediterranea	JGI	jgi	-
fomipini	Fomitopsis pinicola	JGI	jgi	-
fontalba	Fonticula alba	EMBL	embl	-
fopiaris	Fopius arisanus	INSC	-	ncbi
fragcyli	Fragilariopsis cylindrus	JGI	jgi	-
fragvesc	Fragaria vesca	PHYT	gdb	gbk
franocci	Frankliniella occidentalis	INSC	insc	insc
fukodama	Fukomys damarensis	NCBI	-	ncbi
fulmglac	Fulmarus glacialis	NCBI	-	ncbi
fundhete	Fundulus heteroclitus	NCBI	-	ncbi
fusafuji	Fusarium fujikuroi	JGI	-	jgi
fusagram	Fusarium graminearum	JGI	-	jgi
fusaoxys	Fusarium oxysporum	JGI	-	jgi
fusavert	Fusarium verticillioides	JGI	-	jgi
galdsulp	Galdieria sulphuraria	EMBL	-	embl
galemarg	Galerina marginata	JGI	jgi	-
galevari	Galeopterus variegatus	NCBI	-	ncbi
gallgall	Gallus gallus	NCBI	-	ncbi
ganospec	Ganoderma spec	JGI	jgi	-
gavistel	Gavia stellata	NCBI	-	ncbi
gekkjapo	Gekko japonicus	NCBI	-	ncbi
geosfort	Geospiza fortis	NCBI	-	ncbi
giarinte	Giardia intestinalis	EMBL	embl,dbest	embl
giarlamb	Giardia lambliaA	EUPT	-	embl
glarlozo	Glarea lozoyensis	JGI	-	jgi
globpall	Globodera pallida	WORM	-	worm
gloetrab	Gloeophyllum trabeum	JGI	jgi	-
glomacut	Glomerella acutata	JGI	jgi	-
glomcing	Glomerella cingulata	JGI	jgi	-
glonstel	Glonium stellatum	JGI	jgi	-

glosmors	Glossina morsitans	INSC	insc	-
glospall	Glossina pallidipes	INSC	insc	-
glycmax_	Glycine max	PHYT	gdb,unig	-
gonaprol	Gonapodya prolifera	JGI	jgi	-
gongpulc	Gongylonema pulchrum	WORM	-	worm
gorigori	Gorilla gorilla	NCBI	-	ncbi
gossraim	Gossypium raimondii	PHYT	gdb,unig	-
gregniph	Gregarina niphandrodes	EMBL	embl,dbest	embl
grosclav	Grosmania clavigera	JGI	-	jgi
guilthet	Guillardia theta	JGI	-	embl
guyanecr	Guyanagaster necrorhiza	JGI	jgi	-
gymnandr	Gymnopus androsaceus	JGI	jgi	-
gymnaura	Gymnascella aurantiaca	JGI	jgi	-
gymnchry	Gymnopilus chrysopellus	JGI	jgi	-
gymncitr	Gymnascella citrina	JGI	jgi	-
gymnluxu	Gymnopus luxurians	JGI	jgi	-
gyrolivi	Gyrodon lividus	JGI	jgi	-
haemcont	Haemonchus contortus	WORM	-	worm
haemplac	Haemonchus placei	WORM	-	worm
halialbi	Haliaeetus albicilla	NCBI	-	ncbi
halileuc	Haliaeetus leucocephalus	NCBI	-	ncbi
halyhaly	Halyomorpha halys	INSC	-	ncbi
hammhamm	Hammondia hammondi	EMBL	-	embl
hanspoly	Hansenula polymorpha	JGI	jgi	-
hansvalb	Hanseniaspora valbyensis	JGI	jgi	-
haplburt	Haplochromis burtoni	NCBI	-	ncbi
harsalt	Harpegnathos saltator	INSC	-	ncbi
hebecyli	Hebeloma cylindrosporum	JGI	jgi	-
helimelp	Heliconius melpomene	INSC	insc	embl,insc
helipoly	Heligmosomoides polygyrus	WORM	-	worm
helorobu	Helobdella robusta	EMBL	-	ncbi,embl
hessvesi	Hesseltinella vesiculosa	JGI	jgi	-
heteanno	Heterobasidion annosum	JGI	jgi	-
hetebact	Heterorhabditis bacteriophora	WORM	-	worm
heteglab	Heterocephalus glaber	NCBI	-	ncbi
hetepycn	Heterogastridium pycnidioideurr	JGI	jgi	-
histcaps	Histoplasma capsulatum	JGI	-	jgi
homavitr	Homalodisca vitripennis	INSC	insc	-
homosapi	Homo sapiens	NCBI	-	ncbi
hyalarab	Hyaloperonospora arabidopsidis	EMBL	-	embl
hydataen	Hydatigera taeniaeformis	WORM	-	worm
hydnpina	Hydnomerulius pinastri	JGI	jgi	-
hydrvulg	Hydra vulgaris	NCBI	-	ncbi
hymedimi	Hymenolepis diminuta	WORM	-	worm
hymemicr	Hymenolepis microstoma	WORM	-	worm
hymenana	Hymenolepis nana	WORM	-	worm
hyphburt	Hyphopichia burtonii	JGI	jgi	-
hyphsubl	Hypholoma sublateritium	JGI	jgi	-
hypohamp	Hypothenemus hampei	INSC	insc	-
hypospec	Hypoxyton spec	JGI	jgi	-
hystpuli	Hysterium pulicare	JGI	-	jgi
ichtmult	Ichthyophthirius multifiliis	EMBL	embl,dbest	embl
ictitrid	Ictidomys tridecemlineatus	NCBI	-	ncbi
ilyospec	Ilyonectria spec	JGI	jgi	-

ixodscap	<i>Ixodes scapularis</i>	EMBL	-	ncbi,embl
jaapargi	<i>Jaapia argillacea</i>	JGI	jgi	-
jacujacu	<i>Jaculus jaculus</i>	NCBI	-	ncbi
jamispec	<i>Jaminaea spec</i>	JGI	jgi	-
jatrcurc	<i>Jatropha curcas</i>	NCBI	gdb	gbk
kalalaxi	<i>Kalanchoe laxiflora</i>	PHYT	-	phyt
kalamarn	<i>Kalanchoe marnieriana</i>	PHYT	-	phyt
karsrhod	<i>Karstenula rhodostoma</i>	JGI	jgi	-
kazaafri	<i>Kazachstania africana</i>	JGI	-	jgi
kluylact	<i>Kluyveromyces lactis</i>	JGI	-	jgi
laccamet	<i>Laccaria amethystina</i>	JGI	jgi	-
laccbico	<i>Laccaria bicolor</i>	JGI	jgi	-
laetsulp	<i>Laetiporus sulphureus</i>	JGI	jgi	-
laricroc	<i>Larimichthys crocea</i>	NCBI	-	ncbi
latichal	<i>Latimeria chalumnae</i>	NCBI	-	ncbi
leiospec	<i>Leiotrametes spec</i>	JGI	jgi	-
leisaeth	<i>Leishmania aethiopica</i>	EUPT	-	eupt
leisarab	<i>Leishmania arabica</i>	EUPT	-	eupt
leisbraz	<i>Leishmania braziliensis</i>	EMBL	dbest	-
leisenri	<i>Leishmania enriettii</i>	EUPT	-	eupt
leisgerb	<i>Leishmania gerbilli</i>	EUPT	-	eupt
leisinfa	<i>Leishmania infantum</i>	EMBL	dbest	-
leismajo	<i>Leishmania major</i>	EMBL	-	embl
leismexi	<i>Leishmania mexicana</i>	EMBL	embl,dbest	embl
leispana	<i>Leishmania panamensis</i>	EMBL	-	embl
leistrop	<i>Leishmania tropica</i>	EUPT	-	eupt
leistura	<i>Leishmania turanica</i>	EUPT	-	eupt
lentfluv	<i>Lentithecium fluviatile</i>	JGI	jgi	-
lenttigr	<i>Lentinus tigrinus</i>	JGI	jgi	-
lepesalm	<i>Lepeophtheirus salmonis</i>	EMBL	-	embl
lepiocul	<i>Lepisosteus oculatus</i>	NCBI	-	ncbi
lepipalu	<i>Lepidopterella palustris</i>	JGI	jgi	-
leptdece	<i>Leptinotarsa decemlineata</i>	INSC	insc	-
leptdisc	<i>Leptosomus discolor</i>	NCBI	-	ncbi
leptmacu	<i>Leptosphaeria maculans</i>	JGI	-	jgi
leptpyrr	<i>Leptomonas pyrrocoris</i>	EUPT	-	eupt
leptspma	<i>Leptomonas spma</i>	EUPT	-	eupt
leptwedd	<i>Leptonychotes weddellii</i>	NCBI	-	ncbi
leucgong	<i>Leucoagaricus gongylophorus</i>	JGI	-	jgi
leucmoll	<i>Leucogyrophana mollusca</i>	JGI	jgi	-
lichhyal	<i>Lichtheimia hyalospora</i>	JGI	jgi	-
limnluna	<i>Limnephilus lunatus</i>	INSC	insc	-
limupoly	<i>Limulus polyphemus</i>	NCBI	-	ncbi
lindingo	<i>Lindgomyces ingoldianus</i>	JGI	jgi	-
linehumi	<i>Linepithema humile</i>	INSC	-	ncbi
linganat	<i>Lingula anatina</i>	EMBL	-	ncbi,embl
linuusit	<i>Linum usitatissimum</i>	PHYT	gdb	-
lipostar	<i>Lipomyces starkeyi</i>	JGI	jgi	-
lipovexi	<i>Lipotes vexillifer</i>	NCBI	-	ncbi
litosigm	<i>Litomosoides sigmodontis</i>	WORM	-	worm
loa_loa_	<i>Loa loa</i>	WORM	-	ncbi,embl,worm
lophmacr	<i>Lophiostoma macrostomum</i>	JGI	jgi	-
lophmyti	<i>Lophium mytilinum</i>	JGI	jgi	-
lorajunc	<i>Loramycetes juncicola</i>	JGI	jgi	-

lothspec	Lotharella sp	EMBL	-	embl
lottgiga	Lottia gigantea	EMBL	-	ncbi,embl
loxoafri	Loxodonta africana	NCBI	-	ncbi
lucicupr	Lucilia cuprina	INSC	-	embl
lutzlong	Lutzomyia longipalpis	INSC	insc	-
macafasc	Macaca fascicularis	NCBI	-	ncbi
macamula	Macaca mulatta	NCBI	-	ncbi
macaneme	Macaca nemestrina	NCBI	-	ncbi
macranom	Macroventuria anomochaeta	JGI	jgi	-
macrfuli	Macrolepiota fuliginosa	JGI	jgi	-
macrphas	Macrophomina phaseolina	JGI	-	jgi
magngris	Magnaporthe grisea	JGI	-	jgi
malaglob	Malassezia globosa	JGI	-	jgi
malasymp	Malassezia sympodialis	JGI	jgi	-
maludome	Malus domestica	PHYT	gdb	phyt
manavite	Manacus vitellinus	NCBI	-	ncbi
mandleuc	Mandrillus leucophaeus	NCBI	-	ncbi
mandsext	Manduca sexta	INSC	insc	insc
maniescu	Manihot esculenta	PHYT	gdb,unig	-
marafiar	Marasmius fiardii	JGI	jgi	-
marcpoly	Marchantia polymorpha	PHYT	gdb	phyt
marmmarm	Marmota marmota	NCBI	-	ncbi
marsbrun	Marssonina brunnea	JGI	-	jgi
martpter	Martensiomycetes pterosporus	JGI	jgi	-
massebur	Massarina eburnea	JGI	jgi	-
mayedest	Mayetiola destructor	INSC	insc	-
maylzebr	Maylandia zebra	NCBI	-	ncbi
meditrun	Medicago truncatula	PHYT	gdb,unig	-
megarotu	Megachile rotundata	INSC	-	ncbi
megascal	Megaselia scalaris	INSC	-	embl
meirmilt	Meira miltonrushii	JGI	jgi	-
melalari	Melampsora laricis-populina	JGI	jgi	-
melapulv	Melanomma pulvis-pyrius	JGI	jgi	-
melaspec	Melanconium spec	JGI	jgi	-
melegall	Meleagris gallopavo	NCBI	-	ncbi
melibico	Meliniomyces bicolor	JGI	jgi	-
melicinx	Melitaea cinxia	INSC	-	embl,insc
melivari	Meliniomyces variabilis	JGI	jgi	-
meloflor	Meloidogyne floridensis	WORM	-	worm
melohapl	Meloidogyne hapla	WORM	-	worm
meloinco	Meloidogyne incognita	WORM	-	worm
meloundu	Melopsittacus undulatus	NCBI	-	ncbi
meronubi	Merops nubicus	NCBI	-	ncbi
mesiuinic	Mesitornis unicolor	NCBI	-	ncbi
mesoaura	Mesocricetus auratus	NCBI	-	ncbi
mesocort	Mesocestoides corti	WORM	-	worm
metaacri	Metarhizium acridum	JGI	-	jgi
metaocci	Metaseiulus occidentalis	NCBI	-	ncbi
metarobe	Metarhizium robertsii	JGI	-	jgi
metsbicu	Metschnikowia bicuspidata	JGI	jgi	-
micrcani	Microsporum canis	JGI	-	jgi
micrdemo	Microplitis demolitor	INSC	-	ncbi
micrmuri	Microcebus murinus	NCBI	-	ncbi
microchr	Microtus ochrogaster	NCBI	-	ncbi

microssp	Microstromatales ossp	JGI	jgi	-
micrpusi	Micromonas pusilla	PHYT	jgi,unig	-
micspec	Micromonas spec	NCBI	-	ncbi
micrtrig	Microascus trigonosporus	JGI	jgi	-
mimugutt	Mimulus guttatus	PHYT	gdb,unig	-
mixiosmu	Mixia osmundae	JGI	jgi	-
mnemleid	Mnemiopsis leidyi	EMBL	-	embl
monahapt	Monacrosporium haptotylum	JGI	-	jgi
monapurp	Monascus purpureus	JGI	jgi	-
monarube	Monascus ruber	JGI	jgi	-
monipern	Moniliophthora perniciosa	JGI	-	jgi
monobrev	Monosiga brevicollis	JGI	jgi,embl	-
monodome	Monodelphis domestica	NCBI	-	ncbi
mononegl	Monoraphidium neglectum	NCBI	-	ncbi
monophar	Monomorium pharaonis	NCBI	-	ncbi
morcconi	Morchella conica	JGI	jgi	-
mortelon	Mortierella elongata	JGI	jgi	-
morunota	Morus notabilis	NCBI	-	ncbi
mucocirc	Mucor circinelloides	JGI	jgi	-
mus_musc	Mus musculus	NCBI	-	ncbi
musaacum	Musa acuminata	PHYT	gdb	-
muscdome	Musca domestica	INSC	-	ncbi,insc
mustputo	Mustela putorius	NCBI	-	ncbi
mycether	Myceliophthora thermophila	JGI	-	jgi
mycofiji	Mycosphaerella fijiensis	JGI	jgi	-
mycogram	Mycosphaerella graminicola	JGI	jgi	-
myotbran	Myotis brandtii	NCBI	-	ncbi
myotdavi	Myotis davidii	NCBI	-	ncbi
myotluci	Myotis lucifugus	NCBI	-	ncbi
myriduri	Myriangium duriaei	JGI	jgi	-
myroinun	Myrothecium inundatum	JGI	jgi	-
mytiresi	Mytilinidion resinicola	JGI	jgi	-
nadsfulv	Nadsonia fulvescens	JGI	jgi	-
naegfowl	Naegleria fowleri	EUPT	-	eupt
naeggrub	Naegleria gruberi	JGI	jgi	-
naiaflui	Naiadella fluitans	JGI	jgi	-
nanngadi	Nannochloropsis gaditana	EMBL	embl,dbest	embl
nanngali	Nannospalax galili	NCBI	-	ncbi
nasogira	Nasonia giraulti	INSC	insc	-
nasovitr	Nasonia vitripennis	INSC	-	ncbi,embl
necaamer	Necator americanus	WORM	-	ncbi,worm
necthaem	Nectria haematococca	JGI	jgi	-
nelunuci	Nelumbo nucifera	NCBI	-	ncbi
nemapari	Nematocida parisii	JGI	-	jgi
nemavect	Nematostella vectensis	EMBL	-	ncbi,embl
neodleco	Neodiprion lecontei	NCBI	-	ncbi
neofparv	Neofusicoccum parvum	JGI	-	jgi
neolbric	Neolamprologus brichardi	NCBI	-	ncbi
neollepi	Neolentinus lepideus	JGI	jgi	-
neoscani	Neospora caninum	EUPT	eupt,dbest	eupt
neofisc	Neosartorya fischeri	JGI	-	jgi
nestnota	Nestor notabilis	NCBI	-	ncbi
neurcras	Neurospora crassa	JGI	-	jgi
neurdisc	Neurospora discreta	JGI	jgi	-

neurtetr	Neurospora tetrasperma	JGI	jgi	-
nicosylv	Nicotiana sylvestris	NCBI	-	ncbi
nicotome	Nicotiana tomentosiformis	NCBI	-	ncbi
niesexil	Niesslia exilis	JGI	jgi	-
nilaluge	Nilaparvata lugens	INSC	-	insc
nippbras	Nippostrongylus brasiliensis	WORM	-	worm
nippnipp	Nipponia nippon	NCBI	-	ncbi
nomaleuc	Nomascus leucogenys	NCBI	-	ncbi
nothfurz	Nothobranchius furzeri	NCBI	-	ncbi
notocori	Notothenia coriiceps	NCBI	-	ncbi
obbarivu	Obba rivulosa	JGI	jgi	-
ochoprin	Ochotona princeps	NCBI	-	ncbi
octobima	Octopus bimaculoides	EMBL	-	ncbi,embl
octodegu	Octodon degus	NCBI	-	ncbi
odobrosm	Odobenus rosmarus	NCBI	-	ncbi
oesodent	Oesophagostomum dentatum	WORM	-	worm
oidimaiu	Oidiodendron maius	JGI	jgi	-
ompholea	Omphalotus olearius	JGI	-	jgi
onchflex	Onchocerca flexuosa	WORM	-	worm
onchoche	Onchocerca ochengi	WORM	-	worm
onchvolv	Onchocerca volvulus	WORM	-	embl,worm
oncofasc	Oncopeltus fasciatus	INSC	insc	insc
onthtaur	Onthophagus taurus	INSC	insc	-
ophidiss	Ophiobolus disseminans	JGI	jgi	-
ophipice	Ophiostoma piceae	JGI	-	jgi
ophipili	Ophiostoma piliferum	JGI	-	jgi
opishoaz	Opisthocomus hoazin	NCBI	-	ncbi
opisvive	Opisthorchis viverrini	WORM	-	ncbi,worm
orciorca	Orcinus orca	NCBI	-	ncbi
oreonilo	Oreochromis niloticus	NCBI	-	ncbi
ornianat	Ornithorhynchus anatinus	NCBI	-	ncbi
oropthom	Oropetium thomaeum	PHYT	-	phyt
orπισpec	Orpinomyces spec	JGI	-	jgi
orusabie	Orussus abietinus	NCBI	-	ncbi
oryccuni	Oryctolagus cuniculus	NCBI	-	ncbi
oryzbrac	Oryza brachyantha	NCBI	-	ncbi
oryzlati	Oryzias latipes	NCBI	-	ncbi
oryzsati	Oryza sativa	PHYT	gdb,unig	-
ostrluci	Ostreococcus lucimarinus	PHYT	gdb	gbk
ostrtaur	Ostreococcus tauri	NCBI	jgi	-
otolgarn	Otolemur garnettii	NCBI	-	ncbi
ovisarie	Ovis aries	NCBI	-	ncbi
oxyttrif	Oxytricha trifallax	EMBL	embl,dbest	embl
pachtann	Pachysolen tannophilus	JGI	jgi	-
pachvenu	Pachypsylla venusta	INSC	-	insc
pan_pani	Pan paniscus	NCBI	-	ncbi
pan_trog	Pan troglodytes	NCBI	-	ncbi
panestip	Panellus stipticus	JGI	jgi	-
panihall	Panicum hallii	PHYT	-	phyt
panivirg	Panicum virgatum	PHYT	gdb,unig	-
panthodg	Pantholops hodgsonii	NCBI	-	ncbi
panttigr	Panthera tigris	NCBI	-	ncbi
panurudi	Panus rudis	JGI	jgi	-
papianub	Papio anubis	NCBI	-	ncbi

papimach	Papilio machaon	NCBI	-	ncbi
papipoly	Papilio polytes	INSC	-	ncbi
papixuth	Papilio xuthus	INSC	insec	ncbi
parabras	Paracoccidioides brasiliensis	JGI	-	jgi
paraequo	Parascaris equorum	WORM	-	worm
paraspor	Paraconiothyrium sporulosum	JGI	jgi	-
paratepi	Parasteatoda tepidariorum	NCBI	-	ncbi
paratetr	Paramecium tetraurelia	EMBL	unig	embl
paratric	Parastrongyloides trichosuri	WORM	-	worm
parumajo	Parus major	NCBI	-	ncbi
pateatra	Patellaria atrata	JGI	jgi	-
paxiinvo	Paxillus involutus	JGI	jgi	-
paxirubi	Paxillus rubicundulus	JGI	jgi	-
pedihuma	Pediculus humanus	INSC	insec	ncbi,embl
pelecris	Pelecanus crispus	NCBI	-	ncbi
pelosine	Pelodiscus sinensis	NCBI	-	ncbi
penibila	Penicillium bilaiae	JGI	jgi	-
penibrev	Penicillium brevicompactum	JGI	jgi	-
penicane	Penicillium canescens	JGI	jgi	-
penichry	Penicillium chrysogenum	JGI	jgi	-
penidigi	Penicillium digitatum	JGI	-	jgi
peniexpa	Penicillium expansum	JGI	jgi	-
penifell	Penicillium fellutanum	JGI	jgi	-
peniglab	Penicillium glabrum	JGI	jgi	-
penijant	Penicillium janthinellum	JGI	jgi	-
penilano	Penicillium lanosocoeruleum	JGI	jgi	-
penioxal	Penicillium oxalicum	JGI	-	jgi
penirais	Penicillium raistrickii	JGI	jgi	-
perimacr	Periconia macrospinoso	JGI	jgi	-
perkmari	Perkinsus marinus	EMBL	embl,dbest	embl
peromani	Peromyscus maniculatus	NCBI	-	ncbi
phaealeo	Phaeoacremonium aleophilum	JGI	-	jgi
phaeapt	Phaethon lepturus	NCBI	-	ncbi
phaetric	Phaeodactylum tricorutum	JGI	-	embl
phalcarb	Phalacrocorax carbo	NCBI	-	ncbi
phancarn	Phanerochaete carnososa	JGI	jgi	-
phanchry	Phanerochaete chrysosporium	JGI	jgi	-
phasvulg	Phaseolus vulgaris	PHYT	gdb,unig	-
phlebrev	Phlebia brevispora	JGI	jgi	-
phlegiga	Phlebiopsis gigantea	JGI	jgi	-
phlepapa	Phlebotomus papatasi	INSC	insec	-
phoedact	Phoenix dactylifera	WCMQ	-	gbk
phomtrac	Phoma tracheiphila	JGI	jgi	-
phyclak	Phycomyces blakesleeanus	JGI	jgi	-
phylcitr	Phyllosticta citriasiana	JGI	jgi	-
physcato	Physeter catodon	NCBI	-	ncbi
physpate	Physcomitrella patens	PHYT	gdb,unig	-
phytcaps	Phytophthora capsici	JGI	jgi	-
phytcinn	Phytophthora cinnamomi	JGI	jgi	-
phytinfe	Phytophthora infestans	EMBL	unig	embl
phytkern	Phytophthora kernoviae	EMBL	-	embl
phytlate	Phytophthora lateralis	EMBL	-	embl
phytpara	Phytophthora parasitica	EMBL	embl,dbest	embl
phytramo	Phytophthora ramorum	JGI	-	embl

phytsoja	Phytophthora sojae	JGI	-	embl
pichmemb	Pichia membranifaciens	JGI	jgi	-
pichpast	Pichia pastoris	JGI	-	jgi
pichstip	Pichia stipitis	JGI	-	jgi
picopube	Picoides pubescens	NCBI	-	ncbi
pedhort	Piedraia hortae	JGI	jgi	-
pilocroc	Piloderma croceum	JGI	jgi	-
piriindi	Piriformospora indica	JGI	-	jgi
pirospec	Piromyces spec	JGI	jgi	-
pisomicr	Pisolithus microcarpus	JGI	jgi	-
pisotinc	Pisolithus tinctorius	JGI	jgi	-
plasberg	Plasmodium berghei	EMBL	-	embl
plasbras	Plasmodiophora brassicae	EMBL	embl,dbest	embl
plashab	Plasmodium chabaudi	EMBL	-	embl
plascyno	Plasmodium cynomolgi	NCBI	-	ncbi,embl
plafalc	Plasmodium falciparum	EMBL	-	embl
plasfrag	Plasmodium fragile	EMBL	-	embl
plagall	Plasmodium gallinaceum	EUPT	eupt,dbest	eupt
plasinui	Plasmodium inui	EMBL	embl,dbest	embl
plasknow	Plasmodium knowlesi	EMBL	-	embl
plasreic	Plasmodium reichenowi	EMBL	-	embl
plavinc	Plasmodium vinckei	EMBL	-	embl
plaviva	Plasmodium vivax	EMBL	-	embl
plasyoel	Plasmodium yoelii	EMBL	embl,dbest	embl
pleosipa	Pleomassaria siparia	JGI	jgi	-
pleuostr	Pleurotus ostreatus	JGI	jgi	-
pliccris	Plicaturopsis crispa	JGI	jgi	-
plutxylo	Plutella xylostella	INSC	-	ncbi,insc
pneujiro	Pneumocystis jirovecii	JGI	-	jgi
podoanse	Podospora anserina	JGI	jgi	-
poecform	Poecilia formosa	NCBI	-	ncbi
poeclati	Poecilia latipinna	NCBI	-	ncbi
poecmexi	Poecilia mexicana	NCBI	-	ncbi
poecreti	Poecilia reticulata	NCBI	-	ncbi
pogobarb	Pogonomyrmex barbatus	INSC	-	ncbi
policana	Polistes canadensis	NCBI	-	ncbi
polidomi	Polistes dominula	NCBI	-	ncbi
polyarcu	Polyporus arcularius	JGI	jgi	-
polycitr	Polychaeton citri	JGI	jgi	-
polyfusc	Polyplosphaeria fusca	JGI	jgi	-
polypall	Polysphondylium pallidum	EMBL	embl	embl
pongabel	Pongo abelii	NCBI	ncbi	
popueuph	Populus euphratica	NCBI	-	ncbi
poputric	Populus trichocarpa	PHYT	gdb,unig	-
postplac	Postia placenta	JGI	jgi	-
priacaud	Priapulus caudatus	NCBI	-	ncbi
priaserr	Priacma serrata	INSC	-	insc
prisexsp	Pristionchus exspectatus	WORM	-	worm
prispaci	Pristionchus pacificus	WORM	-	embl,worm
propcoqu	Propithecus coquereli	NCBI	-	ncbi
protinou	Protomyces inouyei	JGI	-	jgi
protmucr	Protobothrops mucrosquamatus	NCBI	-	ncbi
protxeno	Protopolystoma xenopodis	WORM	-	worm
prunmume	Prunus mume	GIGA	-	gbk

prunpers	<i>Prunus persica</i>	PHYT	gdb,unig	-
pseuanta	<i>Pseudozyma antarctica</i>	JGI	jgi	-
pseuelat	<i>Pseudographis elatina</i>	JGI	-	jgi
pseuhube	<i>Pseudozyma hubeiensis</i>	JGI	-	jgi
pseuhumi	<i>Pseudopodoces humilis</i>	NCBI	-	ncbi
pseuhype	<i>Pseudovirgaria hyperparasitica</i>	JGI	jgi	-
pseumult	<i>Pseudo-nitzschia multiseriis</i>	JGI	jgi	-
pteralec	<i>Pteropus alecto</i>	NCBI	-	ncbi
ptergutt	<i>Pterocles gutturalis</i>	NCBI	-	ncbi
ptervamp	<i>Pteropus vampyrus</i>	NCBI	-	ncbi
puccgram	<i>Puccinia graminis</i>	JGI	-	jgi
puccstri	<i>Puccinia striiformis</i>	JGI	-	jgi
puncstri	<i>Punctularia strigosozonata</i>	JGI	jgi	-
pundnyer	<i>Pundamilia nyererei</i>	NCBI	-	ncbi
pycncinn	<i>Pycnopus cinnabarinus</i>	JGI	jgi	-
pycncocc	<i>Pycnopus coccineus</i>	JGI	jgi	-
pycnsang	<i>Pycnopus sanguineus</i>	JGI	jgi	-
pygoadel	<i>Pygoscelis adeliae</i>	NCBI	-	ncbi
pyrespec	<i>Pyrenochaeta spec</i>	JGI	jgi	-
pyretere	<i>Pyrenophora teres</i>	JGI	-	jgi
pyretrit	<i>Pyrenophora tritici-repentis</i>	JGI	jgi	-
pyroconf	<i>Pyronema confluens</i>	JGI	-	jgi
pyrubret	<i>Pyrus bretschneideri</i>	NCBI	-	ncbi
pythapha	<i>Pythium aphanidermatum</i>	EMBL	embl,dbest	embl
pytharrh	<i>Pythium arrhenomanes</i>	EMBL	-	embl
pythbivi	<i>Python bivittatus</i>	NCBI	-	ncbi
pythirre	<i>Pythium irregulare</i>	EMBL	-	embl
pythiway	<i>Pythium iwayamai</i>	EMBL	-	embl
pythulti	<i>Pythium ultimum</i>	EMBL	-	embl
pythvexa	<i>Pythium vexans</i>	EMBL	-	embl
ramarube	<i>Ramaria rubella</i>	JGI	jgi	-
ramavari	<i>Ramazzottius varieornatus</i>	DDBJ	-	ddbj
ramibrev	<i>Ramicandelaber brevisporus</i>	JGI	jgi	-
rattnorv	<i>Rattus norvegicus</i>	NCBI	-	ncbi
retifilo	<i>Reticulomyxa filosa</i>	EMBL	embl,dbest	embl
rhabkr30	<i>Rhabditophanes kr3021</i>	WORM	-	worm
rhinroxe	<i>Rhinopithecus roxellana</i>	NCBI	-	ncbi
rhizeric	<i>Rhizoscyphus ericae</i>	JGI	jgi	-
rhizirre	<i>Rhizophagus irregularis</i>	JGI	-	jgi
rhizmicr	<i>Rhizopus microsporus</i>	JGI	jgi	-
rhizoryz	<i>Rhizopus oryzae</i>	JGI	jgi	-
rhizsale	<i>Rhizopogon salebrosus</i>	JGI	jgi	-
rhizsola	<i>Rhizoctonia solani</i>	JGI	-	jgi
rhizvini	<i>Rhizopogon vinicolor</i>	JGI	jgi	-
rhodgram	<i>Rhodotorula graminis</i>	JGI	jgi	-
rhodminu	<i>Rhodotorula minuta</i>	JGI	jgi	-
rhodprol	<i>Rhodnius prolixus</i>	INSC	insc	embl
rhodspec	<i>Rhodotorula spec</i>	JGI	-	jgi
rhodtoru	<i>Rhodospiridium toruloides</i>	JGI	-	jgi
rhytrufu	<i>Rhytidhysterium rufulum</i>	JGI	-	jgi
ricicomm	<i>Ricinus communis</i>	PHYT	gdb	gbk
rickmell	<i>Rickenella mellea</i>	JGI	jgi	-
romaculi	<i>Romanomermis culicivorax</i>	WORM	-	worm
rousaegy	<i>Rousettus aegyptiacus</i>	NCBI	-	ncbi

rozeallo	Rozella allomycis	JGI	jgi	-
saccere	Saccharomyces cerevisiae	JGI	-	jgi
sackowa	Saccoglossus kowalevskii	NCBI	-	ncbi
saccprot	Saccharata proteae	JGI	-	jgi
saimboli	Saimiri boliviensis	NCBI	-	ncbi
saitcomp	Saitoella complicata	JGI	jgi	-
salipurp	Salix purpurea	PHYT	-	phyt
salmsala	Salmo salar	NCBI	-	ncbi
salprose	Salpingoeca rosetta	EMBL	-	embl
salvmilt	Salvia miltiorrhiza	MISC	-	gbk
saprdocl	Saprolegnia diclina	EMBL	-	embl
saprpara	Saprolegnia parasitica	EMBL	embl,dbest	embl
sarcharr	Sarcophilus harrisii	NCBI	-	ncbi
sarcneur	Sarcocystis neurona3	EUPT	eupt,dbest	eupt
sarcsab	Sarcoptes scabiei	EMBL	-	embl
sarrpurp	Sarracenia purpurea	PHYT	-	phyt
schiaagr	Schizochytrium aggregatum	JGI	jgi	-
schicomm	Schizophyllum commune	JGI	jgi	-
schicryo	Schizosaccharomyces cryophilu	JGI	-	jgi
schicura	Schistosoma curassoni	WORM	-	worm
schihaem	Schistosoma haematobium	WORM	-	ncbi,worm
schijapa	Schistosoma japa_onicum	WORM	-	worm
schijapo	Schizosaccharomyces japonicu	JGI	-	jgi
schimans	Schistosoma mansoni	WORM	-	embl,worm
schimarg	Schistosoma margrebowiei	WORM	-	worm
schimatt	Schistosoma mattheei	WORM	-	worm
schiocto	Schizosaccharomyces octospor	JGI	-	jgi
schipara	Schizopora paradoxa	JGI	jgi	-
schipomb	Schizosaccharomyces pombe	JGI	-	jgi
schirodh	Schistosoma rodhaini	WORM	-	worm
schisoli	Schistocephalus solidus	WORM	-	worm
schmmedi	Schmidtea mediterranea	WORM	-	worm
sclecitr	Scleroderma citrinum	JGI	jgi	-
sclescle	Sclerotinia sclerotiorum	JGI	-	jgi
sebaverm	Sebacina vermifera	JGI	jgi	-
selamoel	Selaginella moellendorffii	PHYT	gdb,unig	-
septmusi	Septoria musiva	JGI	jgi	-
septpopu	Septoria populicola	JGI	jgi	-
sericana	Serinus canaria	NCBI	-	ncbi
serplacr	Serpula lacrymans	JGI	jgi	-
sesaindi	Sesamum indicum	NCBI	-	ncbi
setaital	Setaria italica	PHYT	-	phyt
setaviri	Setaria viridis	PHYT	-	phyt
setoturc	Setosphaeria turcica	JGI	jgi	-
sistnive	Sistotremastrum niveocreum	JGI	jgi	-
sistsuec	Sistotremastrum suecicum	JGI	jgi	-
sobobatu	Soboliphyme baturini	WORM	-	worm
sodialka	Sodiomyces alkalinus	JGI	jgi	-
solapenn	Solanum pennellii	NCBI	-	ncbi
solatube	Solanum tuberosum	PHYT	gdb,unig	-
soleinvi	Solenopsis invicta	INSC	-	ncbi,embl
sorearan	Sorex araneus	NCBI	-	ncbi
sorgbico	Sorghum bicolor	PHYT	gdb,unig	-
spatflav	Spathularia flavida	JGI	-	jgi

spatpass	Spathaspora passalidarum	JGI	jgi	-
sphaarct	Sphaeroforma arctica	NCBI	-	ncbi
sphastel	Sphaerobolus stellatus	JGI	jgi	-
spirerin	Spirometra erinaceiueuropaei	WORM	-	worm
spirpoly	Spirodela polyrhiza	PHYT	-	phyt
spirsalm	Spironucleus salmonicida	EMBL	embl,dbest	embl
spodfrug	Spodoptera frugiperda	INSC	insc	-
sporfime	Sporormia fimetaria	JGI	jgi	-
sporlind	Sporobolomyces linderiae	JGI	jgi	-
sporreil	Sporisorium reilianum	JGI	-	jgi
sporrose	Sporobolomyces roseus	JGI	-	jgi
stagnodo	Stagonospora nodorum	JGI	-	jgi
stagspec	Stagonospora spec	JGI	jgi	-
stangris	Stanjemonium grisellum	JGI	jgi	-
stegmimo	Stegodyphus mimosarum	EMBL	-	embl
stegpart	Stegastes partitus	NCBI	-	ncbi
steicarp	Steinernema carpocapsae	WORM	-	worm
steifelt	Steinernema feltiae	WORM	-	worm
steiglas	Steinernema glaseri	WORM	-	worm
steimont	Steinernema monticolum	WORM	-	worm
steiscap	Steinernema scapterisci	WORM	-	worm
sterhirs	Stereum hirsutum	JGI	jgi	-
stomcalc	Stomoxys calcitrans	INSC	-	ncbi
strimari	Strigamia maritima	EMBL	-	embl
stropapi	Strongyloides papillosus	WORM	-	worm
stropurp	Strongylocentrotus purpuratus	EMBL	-	ncbi,embl
storatt	Strongyloides ratti	WORM	-	embl,worm
stroster	Strongyloides stercoralis	WORM	-	worm
strovene	Strongyloides venezuelensis	WORM	-	worm
strovulg	Strongylus vulgaris	WORM	-	worm
strucame	Struthio camelus	NCBI	-	ncbi
sturvulg	Sturnus vulgaris	NCBI	-	ncbi
stylemn	Stylonychia lemnae	EMBL	embl,dbest	embl
suilbrev	Suillus brevipes	JGI	jgi	-
suillute	Suillus luteus	JGI	jgi	-
sus_scro	Sus scrofa	NCBI	-	ncbi
symbkoch	Symbiotaphrina kochii	JGI	jgi	-
syphmuri	Syphacia muris	WORM	-	worm
taenasia	Taenia asiatica	WORM	-	worm
taengutt	Taeniopygia guttata	NCBI	-	ncbi
taensoli	Taenia solium	WORM	-	worm
takirubr	Takifugu rubripes	NCBI	-	ncbi
talaacul	Talaromyces aculeatus	JGI	jgi	-
talamarn	Talaromyces marneffeii	JGI	jgi	-
talastip	Talaromyces stipitatus	JGI	jgi	-
taphdefo	Taphrina deformans	JGI	-	jgi
tarehass	Tarenaya hassleriana	NCBI	-	ncbi
tarssyri	Tarsius syrichta	NCBI	-	ncbi
taureryt	Tauraco erythrolophus	NCBI	-	ncbi
telacirc	Teladorsagia circumcincta	WORM	-	worm
teranubi	Teratosphaeria nubilosa	JGI	jgi	-
terfboud	Terfezia boudieri	JGI	jgi	-
testcype	Testicularia cyperi	JGI	jgi	-
tetrther	Tetrahymena thermophila	EMBL	unig	-

tetrurti	Tetranychus urticae	EMBL	-	ncbi,embl
thalocea	Thalassiosira oceanica	EMBL	-	embl
thalpseu	Thalassiosira pseudonana	JGI	-	embl
thamsirt	Thamnophis sirtalis	NCBI	-	ncbi
thectrah	Thecamonas trahens	BROD	-	embl
theiannu	Theileria annulata	EMBL	embl,dbest	embl
theiequi	Theileria equi	EUPT	-	eupt
theiorie	Theileria orientalis	EMBL	embl,dbest	embl
theiparv	Theileria parva	EUPT	embl,dbest	eupt,embl
thelcall	Thelazia callipaeda	WORM	-	worm
thelkita	Thelohanellus kitauei	EMBL	-	embl
thelmicr	Thelebolus microsporus	JGI	jgi	-
thelster	Thelebolus stercoreus	JGI	-	jgi
theocaca	Theobroma cacao	PHYT	gdb,unig	gbk
theraura	Thermoascus aurantiacus	JGI	-	jgi
thieanta	Thielavia antarctica	JGI	jgi	-
thieappe	Thielavia appendiculata	JGI	jgi	-
thiearen	Thielavia arenaria	JGI	jgi	-
thiehyrc	Thielavia hyrcaniae	JGI	jgi	-
thieterr	Thielavia terrestris	JGI	-	jgi
thozspec	Thozetella spec	JGI	jgi	-
tillanom	Tilletiaria anomala	JGI	jgi	-
tillwash	Tilletiopsis washingtonensis	JGI	jgi	-
tinagutt	Tinamus guttatus	NCBI	-	ncbi
torudelb	Torulasporea delbrueckii	JGI	-	jgi
tothfusc	Tothia fuscella	JGI	jgi	-
toxocani	Toxocara canis	WORM	-	worm
toxogond	Toxoplasma gondii	EMBL	unig	-
tramljub	Trametes ljubarskyi	JGI	jgi	-
tramvers	Trametes versicolor	JGI	jgi	-
tremmese	Tremella mesenterica	JGI	jgi	-
trepert	Trematosphaeria pertusa	JGI	jgi	-
tribcast	Tribolium castaneum	INSC	insc	ncbi,embl
tricabie	Trichaptum abietinum	JGI	jgi	-
tricadha	Trichoplax adhaerens	EMBL	-	ncbi,embl
tricaspe	Trichoderma asperellum	JGI	jgi	-
tricatro	Trichoderma atroviride	JGI	jgi	-
tricbisp	Trichodelitschia bisporula	JGI	jgi	-
tricchia	Trichosporon chiarellii	JGI	jgi	-
triccitr	Trichoderma citrinoviride	JGI	jgi	-
tricharz	Trichoderma harzianum	JGI	jgi	-
tricloug	Trichoderma longibrachiatum	JGI	jgi	-
tricmana	Trichechus manatus	NCBI	-	ncbi
tricmats	Tricholoma matsutake	JGI	jgi	-
tricmuri	Trichuris muris	WORM	-	worm
tricnati	Trichinella nativa	WORM	-	worm
tricolea	Trichosporon oleaginosus	JGI	jgi	-
tricpeta	Trichomonascus petasosporus	JGI	jgi	-
tricpret	Trichogramma pretiosum	INSC	-	ncbi
tricrees	Trichoderma reesei	JGI	-	jgi
tricrege	Trichobilharzia regenti	WORM	-	worm
tricrubr	Trichophyton rubrum	JGI	-	jgi
tricspir	Trichinella spiralis	WORM	-	ncbi,embl,worm
tricsuis	Trichuris suis	WORM	-	worm

trictric	Trichuris trichiura	WORM	-	worm
tricvagi	Trichomonas vaginalis	EMBL	embl,dbest	embl
tricverr	Trichophyton verrucosum	JGI	-	jgi
tricvire	Trichoderma virens	JGI	jgi	-
trifprat	Trifolium pratense	PHYT	gdb	phyt
tringuia	Trinosporium guianense	JGI	jgi	-
tritaest	Triticum aestivum	PHYT	-	phyt
tritspec	Tritirachium spec	JGI	jgi	-
trypbruc	Trypanosoma brucei	EMBL	-	embl
trypcong	Trypanosoma congolense	EUPT	eupt	eupt
trypcruz	Trypanosoma cruzi	EMBL	embl,dbest	embl
trypelut	Trypethelium eluteriae	JGI	jgi	-
trypevan	Trypanosoma evansi	EUPT	-	eupt
trypviva	Trypanosoma vivax	EUPT	-	eupt
tubemela	Tuber melanosporum	JGI	jgi	-
tulacalo	Tulasnella calospora	JGI	jgi	-
tupachin	Tupaia chinensis	NCBI	-	ncbi
turstrun	Tursiops truncatus	NCBI	-	ncbi
tytoalba	Tyto alba	NCBI	-	ncbi
umberama	Umbelopsis ramanniana	JGI	jgi	-
uncirees	Uncinocarpus reesii	JGI	-	jgi
ursumari	Ursus maritimus	NCBI	-	ncbi
ustimayd	Ustilago maydis	JGI	-	jgi
ustispec	Ustilaginomycotina spec	JGI	jgi	-
valelaxa	Valetoniellopsis laxa	JGI	jgi	-
ventinae	Venturia inaequalis	JGI	-	jgi
verrenal	Verruculina enalia	JGI	jgi	-
vertalfa	Verticillium alfalfae	JGI	-	jgi
vertdahl	Verticillium dahliae	JGI	-	jgi
vicupaco	Vicugna pacos	NCBI	-	ncbi
vignradi	Vigna radiata	NCBI	-	ncbi
vitivini	Vitis vinifera	PHYT	gdb,unig	-
vitrbas	Vitrella brassicaformis	EMBL	-	embl
vollemer	Vollenhovia emeryi	INSC	-	ncbi
volvcart	Volvox carteri	PHYT	gdb,unig	-
volvvolv	Volvariella volvacea	JGI	-	jgi
wallicht	Wallemia ichthyophaga	JGI	-	jgi
wallsebi	Wallemia sebi	JGI	jgi	-
wasmauro	Wasmannia auropunctata	INSC	-	ncbi
westorna	Westerdykella ornata	JGI	jgi	-
wickanom	Wickerhamomyces anomalus	JGI	jgi	-
wilcmiko	Wilcoxina mikolae	JGI	jgi	-
wolfcoco	Wolfiporia cocos	JGI	jgi	-
wuchbanc	Wuchereria bancrofti	WORM	-	worm
xantpari	Xanthoria parietina	JGI	jgi	-
xenotrop	Xenopus tropicalis	NCBI	-	ncbi
xiphmacu	Xiphophorus maculatus	NCBI	-	ncbi
xyloheve	Xylona heveae	JGI	jgi	-
yarrlipo	Yarrowia lipolytica	JGI	-	jgi
zasmcell	Zasmidium cellare	JGI	-	jgi
zea_mays	Zea mays	PHYT	gdb,unig	-
zizijuju	Ziziphus jujuba	NCBI	-	ncbi
zonoalbi	Zonotrichia albicollis	NCBI	-	ncbi
zootneva	Zootermopsis nevadensis	INSC	-	embl

zopfrhiz	Zopfia rhizophila	JGI	jgi	-
zostmari	Zostera marina	PHYT	gdb	phyt
zygoroux	Zygosaccharomyces rouxii	JGI	-	jgi
zymoarda	Zymoseptoria ardabiliae	JGI	-	jgi
zymopseu	Zymoseptoria pseudotritici	JGI	-	jgi

Genomes

Code	Resource	URL
BROD	Broad Institute	https://www.broadinstitute.org/scientific-community/data
CGD	Cucurbit Genomics Database	ftp://www.icugi.org/pub/genome/watermelon/WCG/
DDBJ	DDBJ	http://www.ddbj.nig.ac.jp/index-j.html
EMBL	Ensembl	http://www.ensembl.org/index.html
EUPT	EuPathDB	http://eupathdb.org/eupathdb/
GIGA	GIGADB	https://www.ncbi.nlm.nih.gov/sra?term=SRP014658
NCGR	Chinese NCGR	http://www.bamboogdb.org/
INSC	InsectBase	http://www.insect-genome.com/
JGI	JGI Genome Portal	http://genome.jgi.doe.gov/
MSC	?	ftp://danshen.ndctcm.org:10322/Salvia.scaffold.fasta
NCBI	NCBI	http://www.ncbi.nlm.nih.gov/
NIPGR	Indian Institute of Plant Genome	http://http://nipgr.res.in/CGAP/download/
PHYT	Phytozome	http://www.phytozome.net/
WCMQ	Weill Cornell Medicine-Qatar	https://wcmq.box.com/s/kdfd0tc76oif38qvdp66vzfsyv6zvwwqh
WORM	WormBase	http://www.wormbase.org/

Transcripts (experimental)

Code	Resource	URL
dbest	NCBI dbEST	https://www.ncbi.nlm.nih.gov/dbEST/
embl	Ensembl	http://www.ensembl.org/index.html
eupt	EuPathDB	http://eupathdb.org/eupathdb/
gdb	PlantGDB	http://www.plantgdb.org/
insec	InsectBase	http://www.insect-genome.com/
jgi	JGI Genome Portal	http://genome.jgi.doe.gov/
unig	NCBI Unigene	https://www.ncbi.nlm.nih.gov/unigene

Annotations (experimental + predicted)

Code	Resource	URL
ddbj	DDBJ	http://www.ddbj.nig.ac.jp/index-j.html
embl	Ensembl	http://www.ensembl.org/index.html
eupt	EuPathDB	http://eupathdb.org/eupathdb/
gbk	NCBI GenBank	https://www.ncbi.nlm.nih.gov/genbank/
insec	InsectBase	http://www.insect-genome.com/
jgi	JGI Genome Portal	http://genome.jgi.doe.gov/
ncbi	NCBI	http://www.ncbi.nlm.nih.gov/
phyt	Phytozome	http://www.phytozome.net/
worm	WormBase	http://www.wormbase.org/

Supplementary Table S2. ILD Frechet model parameters

SpecID	taxonID	#samples	a1	mu1	theta1	kappa1	mu2	theta2	kappa2	a2	mu3	theta3	kappa3	rRMSE	AIC	BIC
eimeacer	O_Al	26489	1.00E+00	-1.87E+02	4.03E+02	3.30E+00								2.23E-04	3.48E+05	3.48E+05
metsbicu	F_As	1471	1.00E+00	-1.31E+00	7.56E+01	1.25E+00								2.31E-03	1.81E+04	1.81E+04
neoscani	O_Al	36096	1.00E+00	-3.65E+03	4.01E+03	2.17E+01								2.22E-04	4.91E+05	4.91E+05
nilaluge	M_In	33117	1.00E+00	-4.15E+02	1.70E+03	1.59E+00								5.78E-05	5.91E+05	5.91E+05
pichmemt	F_As	1129	1.00E+00	-7.40E+00	9.56E+01	1.44E+00								2.78E-03	1.39E+04	1.40E+04
pichstip	F_As	2390	1.00E+00	2.79E+00	4.63E+01	1.31E+00								4.75E-03	2.67E+04	2.67E+04
aaosarxi	F_As	28843	7.40E-01	3.43E+01	1.85E+01	3.24E+00	-1.37E+01	9.85E+01	1.98E+00					3.58E-04	2.52E+05	2.52E+05
acancast	O_Am	89038	7.60E-02	3.56E+00	4.10E+01	1.32E+00	8.77E+00	7.72E+01	3.53E+00					1.51E-04	8.89E+05	8.89E+05
acanchlo	M_Av	114782	1.04E-01	5.94E+01	3.86E+01	1.31E+00	-1.77E+02	9.00E+02	1.39E+00					2.93E-05	1.92E+06	1.92E+06
acancvite	M_Ne	80270	3.62E-01	4.26E+01	7.49E+01	1.20E+00	-2.86E+02	5.05E+02	4.53E+00					8.63E-05	1.04E+06	1.04E+06
acadirich	F_As	18147	7.14E-01	1.56E+01	4.05E+01	6.17E+00	-5.75E+01	1.43E+02	2.64E+00					3.30E-04	1.64E+05	1.64E+05
acrealca	F_As	26256	4.83E-01	1.69E+01	2.71E+01	1.23E+00	1.21E+01	5.69E+01	3.81E+00					3.48E-04	2.64E+05	2.64E+05
acrestri	F_As	27220	8.68E-01	3.28E+01	2.29E+01	3.26E+00	-2.03E+01	1.33E+02	1.72E+00					3.73E-04	2.32E+05	2.32E+05
acrodigi	M_Cn	134071	7.92E-02	-8.99E+01	1.87E+02	8.81E+00	-1.23E+02	6.04E+02	1.49E+00					3.34E-05	2.12E+06	2.12E+06
acroechi	M_In	76570	2.61E-01	-5.79E+00	8.47E+01	6.37E+00	1.69E+01	3.13E+02	8.04E-01					4.88E-05	1.16E+06	1.16E+06
acytsubg	O_Am	22585	8.57E-01	-1.15E+02	1.85E+02	1.89E+01	-1.11E+01	1.18E+02	1.97E+00					3.74E-04	1.98E+05	1.98E+05
agarbisp	F_Ba	53380	8.92E-01	-5.93E+00	5.83E+01	1.28E+01	-4.11E+00	7.95E+01	1.48E+00					3.11E-04	3.91E+05	3.91E+05
agarhyph	F_Ba	43348	9.40E-01	4.73E+00	4.90E+01	1.20E+01	-1.80E+01	8.75E+01	2.53E+00					7.01E-04	2.86E+05	2.86E+05
albucaand	O_St	20137	7.73E-01	-9.47E+01	1.47E+02	3.00E+01	-1.14E+01	8.86E+01	1.46E+00					7.17E-04	1.68E+05	1.68E+05
albulaib	O_St	20079	8.84E-01	-1.17E+02	1.69E+02	3.00E+01	-3.57E+01	2.43E+02	1.15E+00					6.93E-04	1.64E+05	1.64E+05
allimiss	M_Rp	185851	1.14E-01	6.57E+01	5.49E+01	8.26E-01	-1.23E+02	1.24E+03	1.01E+00					1.62E-05	3.38E+06	3.38E+06
allisine	M_Rp	181237	1.00E-01	6.63E+01	5.33E+01	8.55E-01	-1.41E+02	1.24E+03	1.03E+00					1.62E-05	3.30E+06	3.30E+06
altealte	F_As	26981	7.65E-01	3.44E+01	1.66E+01	3.42E+00	-2.20E+01	1.08E+02	2.21E+00					6.36E-04	2.26E+05	2.26E+05
amanmusc	F_Ba	60818	9.26E-02	3.25E+00	5.39E+01	1.37E+00	-6.59E+01	1.17E+02	3.00E+01					3.24E-04	4.14E+05	4.14E+05
amanthie	F_Ba	78992	8.58E-01	2.80E+01	2.50E+01	4.40E+00	-2.28E+01	9.56E+01	2.25E+00					3.33E-04	6.22E+05	6.22E+05
amnliign	F_As	29924	6.69E-01	3.13E+01	1.97E+01	4.42E+00	-1.13E+01	9.01E+01	1.95E+00					3.36E-04	2.62E+05	2.62E+05
amrorres	F_As	20068	7.39E-01	3.55E+01	1.62E+01	2.94E+00	-1.82E+01	1.08E+02	2.13E+00					4.04E-04	1.76E+05	1.76E+05
amphquee	M_Po	225902	4.80E-01	2.63E+01	2.31E+01	3.42E+00	-2.35E+01	1.74E+02	1.36E+00					9.84E-05	2.61E+06	2.61E+06
amyetran	M_In	85305	4.08E-02	1.22E+01	6.98E+01	7.82E+00	-2.67E+01	4.88E+02	1.17E+00					5.14E-05	1.38E+06	1.38E+06
anasplat	M_Av	166994	7.18E-02	5.43E+01	4.31E+01	1.83E+00	-1.06E+02	9.54E+02	1.05E+00					1.82E-05	2.95E+06	2.95E+06
ancycani	M_Ne	156379	6.70E-01	4.48E+01	1.87E+01	1.21E+00	-8.37E+02	1.28E+03	3.76E+00					2.08E-04	1.91E+06	1.91E+06
anissimp	M_Ne	66373	1.51E-01	3.09E+01	5.45E+01	1.35E+00	-1.13E+02	3.09E+02	2.66E+00					1.23E-04	8.66E+05	8.66E+05
anolcaro	M_Rp	153034	1.10E-01	7.08E+01	5.67E+01	7.75E-01	-2.19E+02	1.57E+03	1.17E+00					1.84E-05	2.80E+06	2.80E+06
ansecygn	M_Av	176868	8.35E-02	5.50E+01	4.36E+01	1.59E+00	-7.80E+01	9.48E+02	1.03E+00					1.71E-05	3.13E+06	3.13E+06
anthavoc	F_As	36067	6.63E-01	3.75E+01	2.00E+01	2.22E+00	-4.39E+01	1.29E+02	2.33E+00					3.10E-04	3.51E+05	3.51E+05
antrinsu	F_Ba	72711	8.99E-01	1.31E+01	4.11E+01	7.85E+00	-2.87E+01	1.08E+02	2.16E+00					3.27E-04	5.44E+05	5.44E+05
aotunanc	M_Mm	193786	2.26E-01	6.42E+01	7.73E+01	7.08E-01	-2.05E+02	1.76E+03	9.88E-01					1.85E-05	3.60E+06	3.60E+06
apalvitt	M_Av	108501	7.86E-02	6.42E+01	3.84E+01	1.22E+00	-1.88E+02	9.32E+02	1.41E+00					2.84E-05	1.83E+06	1.83E+06
aphainva	O_St	50419	8.76E-01	-8.74E+00	5.81E+01	9.58E+00	-1.02E+01	8.69E+01	1.98E+00					3.18E-04	3.94E+05	3.94E+05
apiomont	F_As	31623	8.65E-01	3.87E+01	2.63E+01	1.65E+00	-1.20E+01	8.70E+01	1.59E+00					2.22E-04	3.13E+05	3.13E+05
aplycali	M_Mo	97032	1.32E-02	-2.21E+01	2.18E+02	1.08E+00	-2.07E+01	9.34E+02	1.31E+00					2.87E-05	1.67E+06	1.67E+06
aporcary	F_Ba	80880	9.07E-01	1.64E+01	3.33E+01	7.37E+00	-9.62E+00	7.38E+01	1.74E+00					3.42E-04	5.78E+05	5.78E+05
apteauts	M_Av	148332	7.69E-02	5.95E+01	4.36E+01	1.32E+00	-1.28E+02	1.03E+03	1.11E+00					1.93E-05	2.62E+06	2.62E+06
aptefors	M_Av	144631	8.33E-02	5.48E+01	4.44E+01	1.59E+00	-1.23E+02	9.46E+02	1.14E+00					2.04E-05	2.52E+06	2.52E+06
arabhall	P_Eu	107891	5.89E-01	-1.94E+01	1.05E+02	9.31E+00	-8.57E+01	2.60E+02	2.29E+00					1.25E-04	1.19E+06	1.19E+06
arablyra	P_Eu	107660	5.31E-01	-3.53E+01	1.21E+02	1.11E+01	-8.45E+01	2.32E+02	2.13E+00					1.28E-04	1.20E+06	1.20E+06
arabthal	P_Eu	117272	6.25E-01	-5.29E+01	1.38E+02	1.23E+01	-1.27E+02	3.03E+02	3.01E+00					1.86E-04	1.25E+06	1.25E+06
aracadura	P_Eu	142897	3.96E-01	2.29E+01	6.82E+01	4.10E+00	-9.26E+01	3.86E+02	1.64E+00					5.04E-05	1.91E+06	1.91E+06
arthbenh	F_As	12591	5.16E-01	-1.11E+03	1.18E+03	3.00E+01	-1.55E+02	2.15E+02	3.00E+01					1.21E-03	1.20E+05	1.20E+05
artholig	F_As	24771	9.23E-01	2.93E+01	3.64E+01	2.98E+00	-4.38E+01	1.51E+02	2.05E+00					3.55E-04	2.24E+05	2.24E+05
artoelg	F_Ba	77163	8.89E-01	2.63E+01	2.88E+01	4.96E+00	-2.94E+01	1.21E+02	1.87E+00					3.36E-04	6.09E+05	6.09E+05
ascalumb	M_Ne	48858	1.92E-02	-1.07E+02	1.82E+02	3.91E+00	-5.49E+02	1.12E+03	3.04E+00					7.30E-05	7.52E+06	7.52E+06
ascasuum	M_Ne	104671	4.54E-01	-2.86E+03	3.39E+03	1.27E+01	-4.48E+02	1.11E+03	2.27E+00					4.48E-05	1.62E+06	1.62E+06
ascoimme	F_As	35081	6.75E-01	3.15E+01	1.99E+01	3.17E+00	1.57E-01	8.16E+01	1.62E+00					2.95E-04	3.24E+05	3.24E+05
asconigr	F_As	24099	8.27E-01	3.78E+01	1.56E+01	2.11E+00	-2.06E+01	1.08E+02	2.22E+00					3.14E-04	2.09E+05	2.09E+05
ascorube	F_As	2646	6.25E-01	-2.12E-01	9.52E+01	1.08E+00	2.75E+01	5.58E+01	1.90E+00					1.67E-03	3.29E+04	3.29E+04
aspeacid	F_As	32438	8.22E-01	2.93E+01	2.69E+01	2.93E+00	-2.50E+01	1.10E+02	1.76E+00					2.96E-04	2.95E+05	2.95E+05
aspebras	F_As	32666	8.40E-01	2.77E+01	2.89E+01	3.05E+00	-2.29E+01	1.11E+02	1.71E+00					2.38E-04	2.95E+05	2.96E+05
aspecamp	F_As	24403	8.15E-01	3.28E+01	2.41E+01	2.52E+00	1.62E+00	7.37E+01	1.42E+00					3.78E-04	2.23E+05	2.23E+05
aspecarb	F_As	30958	8.16E-01	2.46E+01	3.02E+01	3.33E+00	-1.52E+01	1.10E+02	1.72E+00					2.95E-04	2.82E+05	2.82E+05
aspeclav	F_As	18711	8.79E-01	2.32E+01	3.44E+01	3.65E+00	-5.26E+01	1.41E+02	2.37E+00					5.76E-04	1.63E+05	1.63E+05
aspeflav	F_As	28332	5.99E-01	9.10E+00	4.65E+01	6.67E+00	-5.82E+00	9.82E+01	1.53E+00					2.87E-04	2.81E+05	2.81E+05
aspefumi	F_As	18681	7.49E-01	1.71E+01	3.80E+01	4.85E+00	-2.66E+01	9.81E+01	2.10E+00					6.17E-04	1.67E+05	1.67E+05
aspeglav	F_As	22319	8.30E-01	2.30E+01	3.07E+01	4.75E+00	9.52E-01	7.58E+01	1.51E+00					3.50E-04	1.86E+05	1.86E+05
aspekawa	F_As	24052	8.51E-01	1.96E+01	3.55E+01	4.42E+00	8.74E+00	7.85E+01	1.62E+00					4.47E-04	2.05E+05	2.05E+05
aspenige	F_As	27626	7.18E-01	2.47E+01	3.12E+01	3.67E+00	-8.01E+00	8.42E+01	1.62E+00					2.68E-04	2.58E+05	2.58E+05
aspenovo	F_As	31549	2.00E-01	1.29E+01	2.64E+01	9.85E-01	3.41E+01	2.19E+01	2.35E+00					7.18E-04	2.87E+05	2.87E+05
aspeochr	F_As	23667	8.65E-01	3.43E+01	2.55E+01	2.23E+00	-5.07E+00	7.71E+01	1.29E+00					3.24E-04	2.20E+05	2.20E+05
aspeoryz	F_As	23238	7.37E-01	2.94E+01	2.67E+01	3.38E+00	-4.06E+00	8.40E+01	1.26E+00					3.28E-04	2.19E+05	2.19E+05
aspestey	F_As	32267	8.19E-01	2.38E+01	3.25E+01	3.59E+00	-7.16E+00	8.79E+01	1.64E+00					2.51E-04	2.89E+05	2.89E+05
aspesydo	F_As															

beaubass	F_As	17672	6.99E-01	3.28E+01	2.31E+01	2.64E+00	-5.18E+00	9.07E+01	1.72E+00	4.12E-04	1.68E+05	1.68E+05
belganta	M_In	81216	5.19E-01	5.51E+00	5.06E+01	1.13E+01	-1.77E+01	1.85E+02	1.14E+00	2.49E-04	9.11E+05	9.11E+05
bimunova	F_As	32150	5.90E-01	2.71E+01	2.32E+01	5.50E+00	-1.58E+01	8.94E+01	2.11E+00	3.45E-04	2.90E+05	2.90E+05
biomglab	M_Mo	169662	1.42E-01	7.46E+01	4.31E+01	1.23E+00	-9.15E+01	7.37E+02	1.27E+00	4.05E-05	2.80E+06	2.80E+06
bjeradus	F_Ba	80419	9.21E-01	-2.00E+00	5.40E+01	1.38E+01	-4.65E+00	8.16E+01	1.56E+00	4.41E-04	5.46E+05	5.46E+05
blashomi	O_St	15625	8.31E-01	9.51E+00	2.07E+01	1.22E+01	1.35E+01	3.03E+01	5.75E-01	2.12E-03	8.83E+04	8.83E+04
blatgerm	M_In	4280	1.76E-01	6.56E+01	7.37E+01	6.86E-01	-5.26E+02	2.18E+03	1.37E+00	2.45E-04	7.87E+04	7.87E+04
blumgram	F_As	11217	7.19E-01	2.60E+01	2.33E+01	4.86E+00	-4.40E+01	1.11E+02	3.26E+00	7.77E-04	9.23E+04	9.24E+04
boecstri	P_Eu	117223	5.42E-01	-1.59E+01	1.03E+02	8.92E+00	-1.05E+02	2.76E+02	2.28E+00	1.10E-04	1.33E+06	1.33E+06
bombimpz	M_In	116318	4.57E-01	-1.77E+02	2.53E+02	2.25E+01	1.54E+01	2.41E+02	8.65E-01	9.12E-05	1.54E+06	1.54E+06
bombmori	M_In	144545	8.72E-02	5.26E+01	2.84E+01	2.16E+00	-1.60E+02	7.77E+02	1.49E+00	4.06E-05	2.35E+06	2.35E+06
botrbotr	F_Ba	86006	9.15E-01	-3.63E+00	6.29E+01	9.97E+00	-1.52E+01	9.32E+01	1.81E+00	3.57E-04	6.59E+05	6.59E+05
botrdoth	F_As	34951	6.70E-01	-2.66E+01	7.97E+01	1.43E+01	-1.26E+01	1.10E+02	1.90E+00	6.09E-04	3.21E+05	3.21E+05
branflor	M_Ch	167149	8.22E-01	-6.35E+01	4.96E+02	1.25E+00	-2.26E+03	2.69E+03	2.52E+01	2.69E-05	2.62E+06	2.62E+06
brasrapa	P_Eu	165383	6.11E-01	-2.28E+02	3.10E+02	2.82E+01	-5.46E+01	2.17E+02	1.85E+00	1.11E-04	1.80E+06	1.80E+06
brugmala	M_Ne	155898	3.56E-01	4.27E+01	7.61E+01	1.19E+00	-3.15E+02	5.26E+02	4.74E+00	7.05E-05	2.01E+06	2.01E+06
bucerhin	M_Av	106196	8.84E-02	6.42E+01	4.07E+01	1.11E+00	-1.86E+02	9.38E+02	1.41E+00	2.87E-05	1.79E+06	1.79E+06
cadospec	F_As	51045	6.15E-01	3.48E+01	1.59E+01	3.12E+00	-1.21E+01	8.74E+01	2.19E+00	2.48E-04	4.61E+05	4.61E+05
calorie	F_As	18913	6.22E-01	2.26E+01	3.12E+01	5.07E+00	9.88E+00	7.31E+01	1.87E+00	4.96E-04	1.73E+05	1.73E+05
calipugn	M_Av	174815	1.04E-01	5.67E+01	4.26E+01	1.59E+00	-8.98E+01	9.37E+02	1.08E+00	1.85E-05	3.05E+06	3.05E+06
calljacc	M_Mm	185121	2.14E-01	6.44E+01	8.12E+01	7.00E-01	-2.28E+02	1.80E+03	1.01E+00	1.84E-05	3.45E+06	3.45E+06
callmili	M_Ch	158101	4.92E-02	5.76E+01	4.51E+01	1.94E+00	-8.50E+01	8.52E+02	1.16E+00	2.14E-05	2.73E+06	2.73E+06
calocorn	F_Ba	50367	8.68E-01	2.97E+01	2.08E+01	5.80E+00	-1.48E+01	8.54E+01	1.96E+00	6.05E-04	3.58E+05	3.58E+05
calopulc	F_As	21698	8.69E-01	3.81E+01	2.64E+01	1.73E+00	-1.85E+02	4.17E+02	3.41E+00	3.11E-04	2.22E+05	2.22E+05
calyanna	M_Av	131925	9.37E-02	5.50E+01	4.02E+01	1.74E+00	-1.21E+02	8.61E+02	1.19E+00	2.44E-05	2.25E+06	2.25E+06
comesati	P_Eu	380993	5.57E-01	-1.76E+02	2.65E+02	2.29E+01	-6.67E+00	1.78E+02	1.61E+00	5.72E-05	4.27E+06	4.27E+06
candarab	F_As	1811	8.00E-01	-3.21E+00	9.15E+01	1.27E+00	-2.36E+02	3.09E+02	3.00E+01	2.22E-03	2.18E+04	2.19E+04
candcase	F_As	1014	2.55E-01	1.39E+01	3.80E+01	6.06E+00	-1.62E+00	7.61E+01	1.28E+00	2.13E-03	1.16E+04	1.16E+04
candtanz	F_As	1372	2.24E-01	4.01E+01	7.65E+00	8.53E-01	-4.68E+00	7.73E+01	1.40E+00	3.48E-03	1.59E+04	1.59E+04
canilupu	M_Mm	215815	1.97E-01	6.50E+01	6.84E+01	7.36E-01	-1.52E+02	1.49E+03	9.68E-01	1.71E-05	3.97E+06	3.97E+06
caprcaro	M_Av	109525	8.98E-02	6.15E+01	4.23E+01	1.25E+00	-2.29E+02	1.01E+03	1.49E+00	2.93E-05	1.84E+06	1.84E+06
caprhirc	M_Mm	126573	1.65E-01	6.62E+01	6.30E+01	7.62E-01	-1.94E+02	1.51E+03	1.04E+00	2.26E-05	2.32E+06	2.32E+06
capsgran	P_Eu	108592	6.24E-01	-1.47E+01	1.02E+02	8.59E+00	-1.25E+02	3.07E+02	2.76E+00	1.43E-04	1.18E+06	1.18E+06
capsowcz	O_Op	62842	8.43E-01	-7.17E+01	1.63E+02	7.32E+00	-5.64E+02	8.49E+02	4.26E+00	2.18E-04	6.78E+05	6.78E+05
capsrube	P_Eu	115139	6.14E-01	-1.24E+01	1.00E+02	8.34E+00	-1.65E+02	3.45E+02	3.04E+00	1.44E-04	1.26E+06	1.26E+06
caricris	M_Av	113945	8.52E-02	6.35E+01	4.11E+01	1.15E+00	-2.16E+02	9.96E+02	1.44E+00	2.82E-05	1.92E+06	1.92E+06
cateangu	F_BI	23330	8.24E-01	-2.06E+02	2.80E+02	3.00E+01	-3.32E+01	1.32E+02	1.68E+00	3.56E-04	2.10E+05	2.10E+05
cephalbi	F_As	2744	5.36E-01	-3.99E+00	7.14E+01	1.35E+00	4.01E+01	1.76E+01	2.31E+00	1.62E-03	2.89E+04	2.90E+04
cephfrag	F_As	2495	5.64E-01	-2.56E+01	9.69E+01	1.95E+00	3.78E+01	1.79E+01	2.98E+00	1.73E-03	2.56E+04	2.56E+04
cerasolm	M_In	59021	2.60E-01	-8.57E+01	1.62E+02	1.33E+01	-5.96E+00	4.02E+02	9.25E-01	5.68E-05	9.02E+05	9.02E+05
cercatys	M_Mm	231437	2.13E-01	6.43E+01	8.26E+01	6.95E-01	-1.85E+02	1.83E+03	9.45E-01	1.56E-05	4.36E+06	4.36E+06
cerczeae	F_As	15867	6.34E-01	3.17E+01	2.19E+01	3.95E+00	-3.01E+00	8.21E+01	1.67E+00	3.96E-04	1.47E+05	1.47E+05
cerisubv	F_Ba	69822	8.62E-01	7.73E+00	4.56E+01	9.59E+00	-8.37E+00	8.28E+01	1.60E+00	2.69E-04	5.32E+05	5.32E+05
cerrunic	F_Ba	68821	8.81E-01	4.18E+00	5.05E+01	9.82E+00	-1.94E+01	9.53E+01	1.87E+00	3.10E-04	5.22E+05	5.22E+05
chaeglob	F_As	22103	7.11E-01	4.24E+01	1.93E+01	1.42E+00	-1.39E+02	3.13E+02	3.26E+00	3.60E-04	2.38E+05	2.38E+05
chaepela	M_Av	130951	8.53E-02	5.58E+01	4.00E+01	1.67E+00	-1.29E+02	9.05E+02	1.20E+00	2.37E-05	2.25E+06	2.25E+06
charvoci	M_Av	134866	7.88E-02	5.68E+01	4.18E+01	1.59E+00	-1.38E+02	9.47E+02	1.18E+00	2.26E-05	2.33E+06	2.33E+06
chelmyda	M_Rp	153341	4.57E-02	6.46E+01	3.51E+01	1.36E+00	-1.84E+02	1.34E+03	1.09E+00	1.70E-05	2.81E+06	2.81E+06
chioapob	F_Ba	50790	6.63E-02	5.98E+00	4.71E+01	1.32E+00	-3.81E+01	8.56E+01	3.00E+01	1.63E-03	3.03E+05	3.03E+05
chirtent	M_In	3369	4.70E-01	3.83E+01	2.38E+01	3.52E+00	-3.77E+00	2.37E+02	1.04E+00	6.16E-04	4.21E+04	4.21E+04
chlamacq	M_Av	108508	8.51E-02	6.59E+01	3.97E+01	1.07E+00	-2.20E+02	9.85E+02	1.47E+00	2.93E-05	1.83E+06	1.83E+06
chlarein	P_Ch	133509	8.21E-01	-7.52E+02	9.30E+02	1.22E+01	9.46E+01	2.09E+02	2.01E+00	8.18E-05	1.65E+06	1.65E+06
chlosaba	M_Mm	228499	2.24E-01	6.45E+01	8.40E+01	6.89E-01	-2.12E+02	1.85E+03	9.75E-01	1.64E-05	4.28E+06	4.28E+06
choiveno	F_As	52355	8.71E-02	1.38E+01	3.35E+01	8.22E-01	3.69E+01	2.41E+01	1.83E+00	2.71E-04	4.94E+05	4.95E+05
choncris	O_Rh	5747	7.06E-01	-1.53E+02	2.43E+02	4.73E+00	8.46E+01	2.89E+01	1.04E+00	1.66E-03	6.57E+04	6.57E+04
chroveli	O_Al	117164	4.40E-01	-4.87E+01	3.24E+02	1.54E+00	-1.52E+03	1.86E+03	1.80E+01	6.10E-05	1.61E+06	1.61E+06
chryasia	M_Mm	168999	2.31E-01	6.57E+01	6.16E+01	7.18E-01	-1.79E+02	1.67E+03	9.20E-01	2.05E-05	3.14E+06	3.14E+06
chrypict	M_Rp	206988	5.79E-02	6.88E+01	4.06E+01	9.29E-01	-1.27E+02	1.35E+03	9.83E-01	1.36E-05	3.85E+06	3.85E+06
cioninte	M_Ch	112640	2.24E-01	4.56E+01	3.30E+01	7.10E-01	-2.02E+02	5.13E+02	3.44E+00	8.84E-05	1.56E+06	1.56E+06
clatelyn	F_As	24094	6.80E-01	3.30E+01	1.77E+01	4.05E+00	-1.49E+01	9.42E+01	2.03E+00	3.48E-04	2.10E+05	2.10E+05
clavpyxi	F_Ba	83550	8.92E-01	1.02E+00	5.21E+01	1.11E+01	-1.89E+01	8.81E+01	2.02E+00	4.40E-04	6.08E+05	6.08E+05
clavspec	F_Ba	74818	8.81E-01	3.15E+01	2.88E+01	3.36E+00	-1.73E+01	1.04E+02	1.63E+00	2.45E-04	6.46E+05	6.46E+05
cluphare	M_Fs	202970	2.15E-01	7.10E+01	6.02E+01	9.00E-01	-2.29E+01	4.37E+02	1.09E+00	2.71E-05	3.19E+06	3.19E+06
cocchimmi	F_As	21762	6.78E-01	2.36E+01	3.52E+01	3.97E+00	-8.75E+01	1.78E+02	3.81E+00	3.56E-04	2.04E+05	2.04E+05
cochcarb	F_As	19729	7.16E-01	3.58E+01	1.60E+01	3.04E+00	-8.90E+00	8.65E+01	1.88E+00	4.75E-04	1.72E+05	1.72E+05
cochhete	F_As	18045	6.93E-01	3.66E+01	1.58E+01	2.65E+00	-2.24E+01	1.03E+02	1.86E+00	4.44E-04	1.66E+05	1.66E+05
cochluna	F_As	18180	7.31E-01	3.41E+01	1.80E+01	3.32E+00	-7.77E+00	9.22E+01	1.78E+00	4.25E-04	1.60E+05	1.60E+05
cochmiya	F_As	19542	7.11E-01	3.52E+01	1.67E+01	3.15E+00	-1.13E+01	8.86E+01	1.93E+00	4.95E-04	1.71E+05	1.71E+05
cochsati	F_As	21704	7.48E-01	3.72E+01	1.49E+01	2.65E+00	-2.71E+01	1.10E+02	2.02E+00	4.47E-04	1.91E+05	1.91E+05
cochvict	F_As	20255	7.09E-01	3.56E+01	1.62E+01	3.08E+00	-9.16E+00	8.61E+01	1.88E+00	4.62E-04	1.77E+05	1.77E+05
colistri	M_Av	106749	9.33E-02	6.10E+01	4.03E+01	1.31E+00	-2.11E+02	9.66E+02	1.47E+00	3.09E-05	1.79E+06	1.79E+06
collfalc	F_As	30537	7.13E-01	3.57E+01	2.32E+01	2.25E+00	-1.21E+01	9.55E+01	1.83E+00	2.92E-04	2.95E+05	2.95E+05
collgram	F_As	20777	8.05E-01	3.71E+01	2.04E+01	2.27E+00	-4.11E+01	1.27E+02	2.58E+00	4.11E-04	1.88E+05	1.88E+05
collhigg	F_As	23065	8.45E-01	3.79E+01	2.26E+01	1.91E+00	-1.15E+01	8.15E+01	2.07E+00	3.23E-04	2.13E+05	2.13E+05
collsome	F_As	30020	8.19E-01	3.63E+01	2.22E+01	2.16E+00	-3.63E+01	1.52E+02	2.00E+00	3.22E-04	2.84E+05	2.84E+05
collsubl	F_As	30263	8.25E-01	3.69E+01	2.13E+01	2.13E+00	-3.47E+01	1.50E+02	1.94E+00	2.35E-04	2.85E+05	2.85E+05
collzoys	F_As	31236	7.16E-01	3.56E+01	2.23E+01	2.40E+00	-1.54E+01	1.02E+02	1.94E+00	2.60E-04	2.97E+05	2.97E+05
coloango	M_Mm	196172	2.16E-01	6.								

cotevest	M_In	37406	4.54E-01	-7.99E-01	7.54E+01	5.65E+00	-6.34E+01	4.24E+02	1.20E+00	1.21E-04	5.08E+05	5.09E+05
cotujapo	M_Av	194026	1.38E-01	5.37E+01	3.92E+01	1.44E+00	-3.67E+01	7.58E+02	9.98E-01	1.76E-05	3.33E+06	3.33E+06
crasgiga	M_Mo	375440	2.75E-01	6.84E+01	6.16E+01	9.98E-01	-3.23E+01	4.36E+02	1.20E+00	3.31E-05	5.74E+06	5.74E+06
cronquer	F_Ba	54963	9.01E-01	8.72E+00	7.01E+01	4.36E+00	-2.23E+01	1.30E+02	1.46E+00	1.46E-04	5.28E+05	5.28E+05
crypmuri	O_Al	1428	7.41E-01	2.96E+01	3.49E+01	3.02E+00	-4.25E+01	1.31E+02	2.53E+00	1.77E-03	1.37E+04	1.37E+04
crypneof	F_Ba	34649	7.65E-01	1.32E+01	3.93E+01	7.46E+00	8.34E-01	6.43E+01	2.02E+00	3.82E-04	2.79E+05	2.79E+05
crypparf	F_As	22429	7.89E-02	-2.91E+02	3.32E+02	3.00E+01	3.27E+01	4.47E+01	1.74E+00	4.55E-04	2.35E+05	2.35E+05
crypvish	F_Ba	37615	9.09E-01	-1.11E+02	1.69E+02	2.65E+01	-2.13E+01	1.06E+02	1.78E+00	4.26E-04	2.90E+05	2.90E+05
cucuberb	F_As	23936	7.33E-01	3.35E+01	1.76E+01	3.68E+00	-1.91E+01	1.01E+02	2.08E+00	4.15E-04	2.04E+05	2.04E+05
cylitorr	F_Ba	63418	9.15E-01	-4.80E+01	9.73E+01	2.88E+01	-2.95E+01	9.85E+01	2.47E+00	7.11E-04	4.11E+05	4.11E+05
dacrspec	F_Ba	45270	8.83E-01	1.27E+01	3.71E+01	1.01E+01	-5.29E+00	7.54E+01	1.64E+00	5.39E-04	3.16E+05	3.16E+05
daedquer	F_Ba	72707	8.99E-01	1.60E+01	3.77E+01	7.46E+00	-2.27E+01	1.07E+02	1.87E+00	3.31E-04	5.44E+05	5.44E+05
daldesch	F_As	48861	6.72E-01	3.54E+01	2.40E+01	2.20E+00	-3.08E+01	1.54E+02	1.68E+00	1.46E-04	5.11E+05	5.11E+05
danaplex	M_In	76123	1.74E-01	4.00E+01	3.46E+01	4.23E+00	-3.06E+01	2.92E+02	1.32E+00	5.90E-05	1.08E+06	1.08E+06
daphpule	M_Ar	107621	6.20E-01	2.62E+01	3.94E+01	4.89E+00	-1.22E+01	1.59E+02	1.09E+00	9.12E-05	1.17E+06	1.17E+06
dasynove	M_Mm	178376	1.87E-01	6.30E+01	6.54E+01	7.80E-01	-1.45E+02	1.44E+03	9.40E-01	1.82E-05	3.29E+06	3.29E+06
dekkbrux	F_As	1958	8.96E-01	-1.73E+00	8.77E+01	1.12E+00	-1.64E+01	8.61E+01	1.02E+01	2.14E-03	2.46E+04	2.47E+04
deliconf	F_As	24286	6.80E-01	3.25E+01	1.97E+01	3.72E+00	-2.56E+01	1.13E+02	2.32E+00	3.28E-04	2.17E+05	2.17E+05
dendbisp	F_Ba	140679	7.95E-01	3.42E+01	2.13E+01	3.03E+00	-2.65E+00	7.19E+01	1.36E+00	1.49E-04	1.24E+06	1.24E+06
diacallo	M_In	59330	2.56E-01	6.38E-01	7.74E+01	4.47E+00	-1.64E+01	7.35E+01	1.07E+00	5.90E-05	9.57E+05	9.57E+05
diapcitr	M_In	70562	7.40E-01	-6.90E+01	5.31E+02	9.98E-01	-7.38E+02	1.14E+03	8.24E+00	4.71E-05	1.14E+06	1.14E+06
dictfasc	O_Am	31406	5.80E-01	-2.59E+02	3.34E+02	3.00E+01	-3.72E+01	1.44E+02	1.59E+00	2.02E-04	3.38E+05	3.38E+05
dictpurp	O_Am	17957	6.67E-01	-1.70E+02	2.41E+02	3.00E+01	-1.20E+01	1.21E+02	1.38E+00	2.89E-04	1.79E+05	1.79E+05
dictvivi	M_Ne	119665	5.83E-01	4.21E+01	3.14E+01	1.05E+00	-1.58E+02	5.65E+02	1.69E+00	8.51E-05	1.62E+06	1.62E+06
didyexig	F_As	20707	6.83E-01	3.06E+01	1.89E+01	5.42E+00	-4.79E+00	8.44E+01	1.72E+00	5.59E-04	1.76E+05	1.76E+05
dinoquad	M_In	77484	2.72E-01	-3.65E+01	1.18E+02	7.39E+00	1.51E+01	3.09E+02	8.51E-01	4.77E-05	1.17E+06	1.17E+06
diroimmi	M_Ne	84919	5.61E-01	3.13E+01	1.12E+02	1.25E+00	-3.09E+03	3.33E+03	3.00E+01	7.78E-05	1.11E+06	1.11E+06
dissacic	F_As	14516	7.26E-01	3.93E+01	1.92E+01	2.12E+00	-2.63E+01	1.08E+02	1.86E+00	5.16E-04	1.39E+05	1.39E+05
dothsymp	F_As	23504	7.25E-01	3.21E+01	1.89E+01	4.25E+00	-2.13E+01	1.04E+02	2.21E+00	5.05E-04	1.99E+05	1.99E+05
dracmedi	M_Ne	45288	2.99E-01	2.94E+01	6.98E+01	1.75E+00	-1.56E+02	3.70E+02	2.34E+00	1.22E-04	6.01E+05	6.02E+05
dufonova	M_In	50932	4.65E-01	-2.42E+02	3.17E+02	3.00E+01	9.63E+00	2.82E+02	8.74E-01	1.08E-04	6.77E+05	6.77E+05
dunasali	P_Ch	106311	4.48E-01	-9.41E+01	3.61E+02	1.69E+00	-2.11E+03	3.42E+03	3.92E+00	4.96E-05	1.75E+06	1.75E+06
egregarz	M_Av	130138	7.48E-02	5.77E+01	4.06E+01	1.57E+00	-1.38E+02	9.49E+02	1.18E+00	2.31E-05	2.26E+06	2.26E+06
eimebrun	O_Al	23774	1.41E-01	6.06E+01	8.01E+01	1.56E+00	-8.21E+01	3.00E+02	2.19E+00	2.18E-04	3.18E+05	3.18E+05
eimemaxi	O_Al	25102	3.40E-01	1.59E+01	1.45E+02	2.45E+00	-2.28E+02	4.24E+02	4.00E+00	2.83E-04	3.14E+05	3.14E+05
eimeneca	O_Al	26103	5.59E-01	-2.07E+02	4.07E+02	3.58E+00	3.49E+01	1.38E+02	1.66E+00	2.52E-04	3.36E+05	3.36E+05
elaeguin	P_Mo	137988	4.88E-01	5.41E+01	4.46E+01	1.54E+00	-3.55E+02	1.38E+03	1.43E+00	4.15E-05	2.11E+06	2.11E+06
elepедwa	M_Mm	165675	2.23E-01	6.47E+01	6.30E+01	7.30E-01	-2.04E+02	1.68E+03	9.53E-01	2.02E-05	3.07E+06	3.07E+06
emilhuxl	O_Ha	94482	2.59E-01	-7.36E+01	1.45E+02	3.00E+01	-3.75E+01	1.62E+02	1.90E+00	1.46E-04	1.11E+06	1.11E+06
entadisp	O_Am	3169	5.32E-01	-1.28E+02	1.80E+02	3.00E+01	-4.70E+01	1.16E+02	2.84E+00	1.07E-03	2.98E+04	2.99E+04
entahist	O_Am	2760	7.76E-01	1.43E+01	3.75E+01	5.25E+00	-4.29E+01	1.25E+02	2.78E+00	1.59E-03	2.39E+04	2.40E+04
entainva	O_Am	4404	2.11E-01	-1.51E+02	1.96E+02	3.00E+01	-7.66E+01	1.51E+02	3.67E+00	1.10E-03	4.64E+04	4.65E+04
entantut	O_Am	1654	8.46E-01	2.26E+01	2.95E+01	4.08E+00	-3.60E+01	1.28E+02	2.74E+00	1.86E-03	1.39E+04	1.40E+04
erembila	F_As	22136	7.40E-01	3.18E+01	1.98E+01	3.82E+00	-1.18E+01	9.33E+01	1.93E+00	5.30E-04	1.90E+05	1.90E+05
erytgutt	P_Eu	118176	5.52E-01	1.66E+01	7.60E+01	4.50E+00	-1.99E+02	5.15E+02	2.32E+00	7.55E-05	1.47E+06	1.47E+06
erythase	F_Ba	87710	9.41E-01	3.14E+00	5.33E+01	8.92E+00	-7.79E+01	1.60E+02	3.75E+00	3.36E-04	6.43E+05	6.43E+05
eurorubr	F_As	20390	8.43E-01	2.69E+01	2.65E+01	4.08E+00	-1.28E+01	8.37E+01	1.62E+00	4.04E-04	1.70E+05	1.70E+05
euryheli	M_Av	106348	8.81E-02	6.22E+01	4.30E+01	1.15E+00	-2.18E+02	9.88E+02	1.47E+00	2.98E-05	1.79E+06	1.79E+06
eutrsals	P_Eu	114356	5.81E-01	-2.91E+01	1.17E+02	9.74E+00	-1.62E+02	3.34E+02	2.87E+00	1.21E-04	1.27E+06	1.27E+06
eutyлата	F_As	21869	4.78E-01	1.92E+01	4.07E+01	4.30E+00	-1.37E+01	1.21E+02	2.27E+00	3.36E-04	2.29E+05	2.29E+05
exidglan	F_Ba	111811	8.97E-01	-4.23E+01	9.34E+01	1.97E+01	-3.37E+00	8.40E+01	1.27E+00	2.31E-04	8.27E+05	8.27E+05
exobvacc	F_Ba	15411	8.69E-01	-1.20E+02	1.91E+02	1.85E+01	-2.33E+01	1.06E+02	1.70E+00	4.32E-04	1.36E+05	1.36E+05
falccher	M_Av	146835	1.01E-01	5.86E+01	4.07E+01	1.32E+00	-1.21E+02	9.28E+02	1.17E+00	2.10E-05	2.53E+06	2.53E+06
falcperre	M_Av	149246	1.01E-01	5.73E+01	4.07E+01	1.41E+00	-1.23E+02	9.21E+02	1.16E+00	2.07E-05	2.57E+06	2.57E+06
fibrradi	F_Ba	50573	9.18E-01	-3.00E+01	8.32E+01	1.81E+01	1.42E+01	5.69E+01	1.05E+00	4.59E-04	3.60E+05	3.60E+05
fibsuspec	F_Ba	152277	8.08E-01	1.10E+01	4.25E+01	8.82E+00	7.31E-01	6.52E+01	1.27E+00	2.51E-04	1.01E+06	1.01E+06
fisthepa	F_Ba	52471	7.48E-01	-4.49E+00	5.75E+01	1.20E+01	-1.91E+01	8.75E+01	2.03E+00	3.43E-04	4.33E+05	4.33E+05
fomimedi	F_Ba	63748	8.63E-01	2.82E+01	2.74E+01	4.25E+00	-9.44E+00	9.26E+01	1.57E+00	2.24E-04	5.25E+05	5.25E+05
fomipini	F_Ba	72794	8.64E-01	-9.27E+00	6.26E+01	1.32E+01	-3.76E+00	8.40E+01	1.39E+00	2.74E-04	5.58E+05	5.58E+05
fontalba	O_Op	44190	8.53E-01	-4.36E+02	5.67E+02	1.37E+01	-3.99E+01	2.46E+02	1.25E+00	1.93E-04	5.11E+05	5.11E+05
fopiaris	M_In	55479	3.00E-01	-3.39E+02	4.11E+02	3.00E+01	3.71E+01	2.30E+02	8.27E-01	7.06E-05	8.02E+05	8.02E+05
fragcyli	O_St	2971	4.43E-03	3.16E+01	3.13E+01	9.27E-01	-8.42E-01	1.46E+02	3.00E+00	8.80E-04	3.37E+04	3.37E+04
fragvesc	P_Eu	131193	4.54E-01	3.75E+01	5.58E+01	3.30E+00	-1.39E+02	4.27E+02	1.80E+00	6.04E-05	1.71E+06	1.71E+06
franocci	M_In	16192	7.28E-01	1.56E+01	6.68E+01	7.02E+00	-8.02E+00	2.01E+02	1.07E+00	2.96E-04	1.69E+05	1.69E+05
fulmglac	M_Av	112319	7.96E-02	6.52E+01	3.81E+01	1.13E+00	-2.29E+02	1.01E+03	1.47E+00	2.90E-05	1.89E+06	1.89E+06
galdsulp	P_Ba	27350	9.31E-01	-7.46E+01	1.24E+02	3.00E+01	1.49E+01	3.85E+01	1.58E+00	1.07E-03	1.79E+05	1.79E+05
gallgall	M_Av	207335	1.37E-01	5.13E+01	4.08E+01	1.63E+00	-5.21E+01	7.93E+02	1.01E+00	1.79E-05	3.56E+06	3.56E+06
ganospec	F_Ba	86149	8.54E-01	2.95E+01	2.72E+01	3.89E+00	-1.80E+01	1.18E+02	1.61E+00	2.19E-04	7.35E+05	7.35E+05
gavistel	M_Av	107461	7.00E-02	6.55E+01	3.68E+01	1.19E+00	-2.33E+02	1.02E+03	1.49E+00	2.87E-05	1.81E+06	1.82E+06
gekkjapo	M_Rp	164626	9.71E-02	7.07E+01	6.25E+01	7.44E-01	-4.20E+02	1.99E+03	1.33E+00	1.75E-05	3.04E+06	3.04E+06
geosfort	M_Av	133414	8.70E-02	5.52E+01	3.77E+01	1.73E+00	-1.21E+02	8.53E+02	1.19E+00	2.51E-05	2.28E+06	2.28E+06
globpall	M_Ne	112993	3.73E-01	-1.65E+02	2.16E+02	3.00E+01	-9.87E+00	1.33E+02	1.62E+00	2.32E-04	1.30E+06	1.30E+06
gloetrab	F_Ba	57173	8.68E-01	-2.07E+01	7.40E+01	1.62E+01	-1.14E+01	8.44E+01	1.66E+00	3.21E-04	4.27E+05	4.27E+05
glomacut	F_As	30887	7.50E-01	3.39E+01	2.33E+01	2.88E+00	-6.22E+00	8.88E+01	1.71E+00	2.47E-04	2.83E+05	2.83E+05
glomcing	F_As	36627	7.38E-01	2.96E+01	2.44E+01	4.01E+00	-3.56E+00	8.64E+01	1.62E+00	2.65E-04	3.25E+05	3.25E+05
glonstel	F_As	32878	6.77E-01	3.21E+01	2.13E+01	3.50E+00	-1.95E+01	9.92E+01	2.18E+00	2.87E-04	2.97E+05	2.97E+05
gonaprol	F_Ch	80319	8.07E-01	2.26E+01	4.07E+01	4.86E+00	-9.79E+01	2.08E+02	2.98E+00	2.32E-04	7.24E+05	7.24E+05
gongpulp	M_Ne	58848	2.2									

halileuc	M_Av	162353	1.12E-01	5.74E+01	4.00E+01	1.46E+00	-1.10E+02	9.10E+02	1.13E+00	1.99E-05	2.80E+06	2.80E+06
halyhaly	M_In	96374	2.34E-01	5.90E+01	2.45E+01	1.31E+00	-2.29E+02	1.53E+03	1.12E+00	5.13E-05	1.68E+06	1.68E+06
hanspolly	F_As	1001	4.14E-01	2.84E+01	8.45E+00	1.37E+00	1.31E+01	4.04E+01	8.06E-01	1.70E-03	1.09E+04	1.10E+04
helimelp	M_In	81964	6.80E-02	1.45E+01	6.58E+01	7.51E+00	-9.61E+01	4.45E+02	1.46E+00	6.81E-05	1.25E+06	1.25E+06
hessvesi	F_Mu	40282	9.29E-01	-7.55E+00	6.80E+01	6.62E+00	-3.13E+01	1.21E+02	2.04E+00	3.20E-04	3.41E+05	3.41E+05
heteanno	F_Ba	57267	8.11E-01	2.70E+01	2.81E+01	4.86E+00	-2.00E+01	9.34E+01	1.97E+00	4.10E-04	4.72E+05	4.72E+05
homavitir	M_In	5741	6.26E-02	6.35E+01	6.38E+01	1.04E+00	-3.89E+02	1.93E+03	1.28E+00	1.79E-04	1.07E+05	1.07E+05
homosapi	M_Mm	313281	2.14E-01	6.39E+01	9.31E+01	6.91E-01	-1.86E+02	1.91E+03	9.43E-01	1.36E-05	5.93E+06	5.93E+06
hyalarab	O_St	13062	6.72E-01	-3.07E+01	1.24E+02	2.12E+00	-2.47E+02	3.24E+02	3.00E+01	4.56E-04	1.44E+05	1.44E+05
hydnpina	F_Ba	74579	8.95E-01	2.60E+01	2.72E+01	5.40E+00	-5.07E+00	8.04E+01	1.52E+00	3.41E-04	5.62E+05	5.62E+05
hydrvulg	M_Cn	77951	5.96E-01	5.25E+01	8.02E+01	8.46E-01	-3.88E+03	6.87E+03	2.76E+00	6.27E-05	1.30E+06	1.30E+06
hyphburt	F_As	1251	2.01E-01	3.19E+01	2.19E+01	4.62E+00	-5.85E+00	8.46E+01	1.30E+00	2.62E-03	1.46E+04	1.47E+04
hyphsubl	F_Ba	88959	8.88E-01	-4.77E+01	1.01E+02	1.93E+01	-1.18E+01	8.96E+01	1.67E+00	2.55E-04	6.71E+05	6.71E+05
hypospec	F_As	60230	6.20E-01	3.54E+01	2.32E+01	2.33E+00	-2.83E+01	1.56E+02	1.54E+00	1.20E-04	6.47E+05	6.47E+05
hystpuli	F_As	26555	7.05E-01	1.96E+01	3.29E+01	6.28E+00	-2.99E+00	1.01E+02	1.77E+00	4.29E-04	2.38E+05	2.38E+05
ilyospec	F_As	41061	7.32E-01	2.55E+01	2.82E+01	4.42E+00	3.27E-01	7.28E+01	1.59E+00	2.87E-04	3.62E+05	3.62E+05
jaapargi	F_Ba	86389	8.93E-01	1.11E+01	4.32E+01	8.14E+00	-1.92E+01	9.86E+01	1.99E+00	2.58E-04	6.52E+05	6.52E+05
jacujacu	M_Mm	166941	2.31E-01	6.47E+01	6.28E+01	7.25E-01	-3.43E+02	1.91E+03	1.14E+00	2.26E-05	3.06E+06	3.06E+06
jamispec	F_Ba	11020	8.23E-01	-1.98E+02	2.72E+02	3.00E+01	-6.81E+01	1.63E+02	2.31E+00	7.82E-04	9.81E+04	9.82E+04
karsrhod	F_As	30048	6.69E-01	2.37E+01	2.65E+01	6.30E+00	-1.79E+01	9.78E+01	2.26E+00	4.28E-04	2.59E+05	2.59E+05
laccbico	F_Ba	60024	6.53E-01	-7.10E+01	1.23E+02	3.00E+01	-1.07E+01	8.13E+01	1.57E+00	3.01E-04	5.29E+05	5.30E+05
laetsulp	F_Ba	74113	8.63E-01	2.46E+00	5.15E+01	1.04E+01	-1.38E+01	8.58E+01	1.71E+00	2.86E-04	5.67E+05	5.67E+05
latichal	M_Sa	170402	3.88E-02	6.70E+01	4.33E+01	1.24E+00	-3.88E+02	2.29E+03	1.19E+00	1.44E-05	3.27E+06	3.27E+06
leiospec	F_Ba	81811	8.90E-01	2.43E+01	3.15E+01	5.22E+00	-3.78E+01	1.25E+02	2.20E+00	3.31E-04	6.44E+05	6.44E+05
lentfluv	F_As	31391	6.66E-01	3.30E+01	1.74E+01	3.92E+00	-6.92E+00	8.37E+01	1.83E+00	3.77E-04	2.76E+05	2.76E+05
lenttigr	F_Ba	82263	8.83E-01	2.18E+01	3.33E+01	5.93E+00	-1.79E+01	1.08E+02	1.62E+00	2.51E-04	6.48E+05	6.48E+05
lepiocul	M_Fs	199944	4.68E-02	4.42E+01	5.20E+01	3.08E+00	-3.39E+01	6.95E+02	1.05E+00	1.70E-05	3.43E+06	3.43E+06
lepipalu	F_As	32014	6.78E-01	3.45E+01	1.93E+01	3.04E+00	-1.97E+01	1.01E+02	2.13E+00	2.96E-04	2.93E+05	2.93E+05
leptdisc	M_Av	114409	9.12E-02	6.28E+01	4.10E+01	1.15E+00	-1.91E+02	9.72E+02	1.39E+00	2.75E-05	1.94E+06	1.94E+06
leucmoll	F_Ba	89623	8.81E-01	4.70E+00	4.87E+01	1.00E+01	-3.33E+01	1.05E+02	2.40E+00	3.48E-04	6.65E+05	6.65E+05
lichhyal	F_Mu	51704	9.04E-01	-1.75E-01	5.71E+01	1.02E+01	-4.09E+01	1.23E+02	2.63E+00	4.99E-04	3.88E+05	3.88E+05
limupoly	M_Ar	147122	4.37E-01	-1.67E+02	7.63E+02	1.47E+00	-9.95E+02	3.49E+03	1.75E+00	1.90E-05	2.70E+06	2.70E+06
lindingo	F_As	39201	5.28E-01	9.00E+00	3.82E+01	1.60E+00	3.31E+01	1.86E+01	3.81E+00	3.39E-04	3.57E+05	3.57E+05
linganat	M_Br	453297	7.81E-01	-3.79E+02	6.61E+02	5.58E+00	-4.66E+02	1.62E+03	1.67E+00	2.04E-05	6.60E+06	6.60E+06
linuusit	P_Eu	173162	5.51E-01	-2.54E+01	1.13E+02	9.05E+00	-8.92E+01	3.07E+02	1.99E+00	9.83E-05	2.03E+06	2.03E+06
lipostar	F_As	17239	8.36E-01	1.89E+01	3.40E+01	6.48E+00	-2.86E+01	1.02E+02	2.18E+00	6.12E-04	1.36E+05	1.36E+05
litosigm	M_Ne	80562	1.71E-01	-2.85E+01	1.14E+02	5.74E+00	-1.07E+02	2.97E+02	3.10E+00	1.02E-04	1.01E+06	1.01E+06
lophmacr	F_As	34102	6.67E-01	3.10E+01	2.01E+01	4.25E+00	-2.59E+01	1.11E+02	2.35E+00	3.21E-04	3.02E+05	3.02E+05
lophmyti	F_As	33859	7.28E-01	3.33E+01	1.91E+01	3.50E+00	-2.26E+01	1.12E+02	2.12E+00	3.62E-04	2.98E+05	2.98E+05
lorajunc	F_As	35404	6.42E-01	3.29E+01	1.68E+01	3.69E+00	-2.13E+01	9.96E+01	2.38E+00	2.73E-04	3.13E+05	3.13E+05
lottgiga	M_Mo	229628	5.21E-01	-2.47E+03	2.74E+03	2.57E-01	-1.28E+02	5.36E+02	1.42E+00	4.17E-05	3.32E+06	3.32E+06
loxoafri	M_Mm	177020	1.89E-01	6.49E+01	6.35E+01	7.55E-01	-1.79E+02	1.51E+03	9.79E-01	1.88E-05	3.26E+06	3.26E+06
macafasc	M_Mm	233372	2.18E-01	6.47E+01	8.38E+01	6.89E-01	-2.03E+02	1.85E+03	9.76E-01	1.64E-05	4.38E+06	4.38E+06
macamula	M_Mm	221604	2.21E-01	6.47E+01	8.09E+01	6.97E-01	-2.24E+02	1.82E+03	1.00E+00	1.75E-05	4.13E+06	4.13E+06
nacanemz	M_Mm	250823	2.12E-01	6.45E+01	8.59E+01	6.85E-01	-1.89E+02	1.90E+03	9.33E-01	1.46E-05	4.75E+06	4.75E+06
macranom	F_As	22038	6.52E-01	2.30E+01	2.70E+01	7.72E+00	-7.71E+00	8.38E+01	1.84E+00	4.74E-04	1.89E+05	1.89E+05
macrfuli	F_Ba	74269	8.66E-01	4.97E+00	4.75E+01	1.07E+01	-1.28E+01	8.05E+01	1.80E+00	2.23E-04	5.51E+05	5.51E+05
macrphas	F_As	20645	7.56E-01	2.99E+01	2.33E+01	4.35E+00	-4.65E+01	1.51E+02	2.47E+00	6.11E-04	1.80E+05	1.80E+05
magngris	F_As	19490	6.89E-01	-1.80E+02	2.55E+02	1.65E+01	-2.06E+02	3.38E+02	4.13E+00	2.62E-04	2.02E+05	2.02E+05
manavitir	M_Av	127971	8.01E-02	5.52E+01	3.95E+01	1.75E+00	-1.17E+02	8.49E+02	1.18E+00	2.53E-05	2.19E+06	2.19E+06
mandleuc	M_Mm	196565	2.18E-01	6.46E+01	7.58E+01	7.12E-01	-2.38E+02	1.78E+03	9.99E-01	1.84E-05	3.65E+06	3.65E+06
mandsxt	M_In	8712	9.54E-02	4.52E+01	3.26E+01	3.57E+00	-5.17E+01	4.55E+02	1.30E+00	2.05E-04	1.35E+05	1.35E+05
marafiar	F_Ba	98565	8.86E-01	-5.36E+00	6.02E+01	1.09E+01	-2.53E+01	9.43E+01	2.20E+00	2.23E-04	7.46E+05	7.46E+05
marcpoly	P_Ma	79794	8.00E-01	3.84E+01	1.44E+02	1.57E+00	-4.03E+02	6.31E+02	4.45E+00	9.08E-05	1.04E+06	1.04E+06
massebur	F_As	25613	7.25E-01	3.71E+01	1.42E+01	2.62E+00	-1.87E+01	1.01E+02	2.20E+00	3.31E-04	2.23E+05	2.24E+05
mayedest	M_In	2949	6.89E-01	-1.07E+01	8.64E+01	6.82E+00	-3.06E+01	2.54E+02	1.05E+00	7.26E-04	3.35E+04	3.35E+04
megarotu	M_In	72456	4.56E-01	-1.03E+02	1.75E+02	1.56E+01	2.17E+01	2.80E+02	7.63E-01	1.12E-04	9.88E+05	9.88E+05
meirmilt	F_Eu	5165	5.55E-01	-1.02E+02	1.67E+02	2.74E+01	-1.06E+01	9.24E+01	1.38E+00	1.08E-03	5.22E+04	5.23E+04
melalari	F_Ba	64830	7.14E-01	-1.44E+02	2.17E+02	1.82E+01	-1.26E+01	9.64E+01	1.60E+00	1.45E-04	6.34E+05	6.34E+05
melapulv	F_As	30831	7.18E-01	3.33E+01	1.83E+01	3.63E+00	-2.10E+01	1.02E+02	2.17E+00	3.65E-04	2.67E+05	2.67E+05
melaspec	F_As	32974	7.35E-01	3.76E+01	2.54E+01	1.98E+00	-3.18E+00	9.28E+01	1.49E+00	1.95E-04	3.31E+05	3.31E+05
melegall	M_Av	161042	1.52E-01	5.50E+01	3.98E+01	1.29E+00	-7.74E+01	8.10E+02	1.15E+00	2.23E-05	2.71E+06	2.71E+06
melibico	F_As	42829	6.61E-01	3.31E+01	1.75E+01	3.58E+00	-1.14E+01	8.84E+01	1.99E+00	2.25E-04	3.80E+05	3.80E+05
melouнду	M_Av	134988	1.01E-01	5.54E+01	3.79E+01	1.55E+00	-1.15E+02	8.80E+02	1.16E+00	2.33E-05	2.31E+06	2.31E+06
meronubi	M_Av	106597	8.83E-02	6.39E+01	3.84E+01	1.16E+00	-2.07E+02	9.64E+02	1.45E+00	3.02E-05	1.79E+06	1.79E+06
mesiuinic	M_Av	112944	1.03E-01	6.12E+01	4.05E+01	1.24E+00	-2.02E+02	9.33E+02	1.45E+00	2.95E-05	1.88E+06	1.88E+06
metaacri	F_As	16443	5.48E-01	-2.28E+00	6.10E+01	7.33E+00	-1.46E+01	1.06E+02	1.86E+00	4.03E-04	1.66E+05	1.66E+05
metarobe	F_As	17544	5.89E-01	-8.68E+00	6.74E+01	8.19E+00	-1.73E+01	1.08E+02	1.95E+00	3.73E-04	1.73E+05	1.73E+05
micrcani	F_As	19630	7.01E-01	1.99E-01	5.93E+01	7.57E+00	-5.14E+01	1.21E+02	2.86E+00	3.48E-04	1.77E+05	1.77E+05
micrdemo	M_In	54649	4.52E-01	1.86E+01	5.51E+01	4.25E+00	-2.41E+01	4.74E+02	9.59E-01	9.00E-05	7.73E+05	7.73E+05
micrmuri	M_Mm	233039	2.01E-01	6.38E+01	7.35E+01	7.34E-01	-1.57E+02	1.56E+03	9.58E-01	1.59E-05	4.32E+06	4.32E+06
microssp	F_As	12311	7.85E-01	-2.33E+02	3.13E+02	2.99E+01	-7.97E+01	1.84E+02	2.48E+00	4.17E-04	1.15E+05	1.15E+05
micrtrig	F_As	27425	7.48E-01	3.15E+01	2.82E+01	2.90E+00	-7.08E+00	8.68E+01	1.67E+00	2.73E-04	2.58E+05	2.58E+05
mimugutt	P_Eu	116795	5.54E-01	2.17E+01	7.09E+01	4.17E+00	-4.49E+02	7.57E+02	3.42E+00	8.95E-05	1.44E+06	1.44E+06
mixiosmu	F_Ba	25218	8.93E-01	-6.55E+01	1.16E+02	3.00E+01	-1.37E+01	8.62E+01	1.90E+00	1.19E-03	1.74E+05	1.74E+05
monahapt	F_As	25251	9.06E-01	2.55E+01	3.81E+01	3.66E+00	-3.15E+00	1.49E+02	1.20E+00	2.65E-04	2.28E+05	2.28E+05
monapurp	F_As	23145	8.58E-01	2.53E+01	3.59E+01	3.34E+00	-9.84E+00	7.94E+01	1.46E+00	3.36E-04	2.10E+05	2.10E+05
monarube	F_As	25300	8.47E-									

mytiresi	F_As	37078	7.04E-01	3.28E+01	1.98E+01	3.54E+00	-1.92E+01	1.04E+02	2.05E+00	2.55E-04	3.31E+05	3.31E+05
nadsfulv	F_As	3812	5.07E-01	7.14E+00	6.57E+01	3.87E+00	-3.65E+01	1.43E+02	1.77E+00	8.10E-04	4.29E+04	4.30E+04
naegfowl	O_He	8538	4.77E-01	4.42E+01	1.49E+01	1.25E+00	-2.82E+02	4.00E+02	8.02E+00	7.56E-04	9.09E+04	9.10E+04
naiaflui	F_Ba	55433	1.44E-01	-1.28E+01	8.39E+01	1.55E+00	1.17E+01	6.10E+01	4.68E+00	1.71E-04	5.17E+05	5.17E+05
nannkali	M_Mm	182016	2.24E-01	6.37E+01	6.47E+01	7.29E-01	-2.21E+02	1.63E+03	1.04E+00	2.10E-05	3.33E+06	3.33E+06
nasogira	M_In	4889	5.75E-01	-1.67E+02	2.42E+02	3.00E+01	-2.90E+01	2.27E+02	1.17E+00	6.43E-04	5.61E+04	5.62E+04
nasovitv	M_In	134160	5.24E-01	-1.94E+02	2.69E+02	3.00E+01	1.07E+01	2.16E+02	8.30E-01	1.37E-04	1.66E+06	1.66E+06
nechtaem	F_As	32806	6.06E-01	-1.41E+00	5.23E+01	1.18E+01	-2.85E+00	6.84E+01	1.84E+00	3.52E-04	2.89E+05	2.89E+05
nemavect	M_Cn	214828	9.97E-02	4.45E+01	3.92E+01	2.08E+00	-1.50E+02	5.24E+02	1.77E+00	5.12E-05	3.23E+06	3.23E+06
neofparv	F_As	21788	8.15E-01	4.14E+01	1.34E+01	1.72E+00	-3.52E+03	3.76E+03	2.99E+01	7.63E-04	2.08E+05	2.08E+05
neollepi	F_Ba	79013	8.85E-01	9.50E+00	4.40E+01	8.89E+00	-2.45E+01	9.70E+01	2.18E+00	3.43E-04	5.64E+05	5.64E+05
neosfisc	F_As	20462	8.37E-01	2.43E+00	5.20E+01	6.82E+00	-1.01E+02	1.91E+02	3.56E+00	6.12E-04	1.74E+05	1.74E+05
nestnota	M_Av	116001	9.56E-02	6.26E+01	3.88E+01	1.16E+00	-1.87E+02	9.42E+02	1.41E+00	2.81E-05	1.95E+06	1.95E+06
neurcras	F_As	17778	7.90E-01	3.44E+01	3.02E+01	2.29E+00	-1.67E+02	3.30E+02	3.48E+00	3.17E-04	1.80E+05	1.80E+05
neurdisc	F_As	18024	4.91E-01	2.43E+01	3.87E+01	3.91E+00	-3.07E+01	1.23E+02	2.05E+00	3.29E-04	1.90E+05	1.90E+05
neurtetr	F_As	18362	5.05E-01	2.98E+01	3.28E+01	3.23E+00	-1.98E+01	1.19E+02	1.78E+00	2.66E-04	1.97E+05	1.97E+05
niesexil	F_As	26446	8.14E-01	2.68E+01	2.64E+01	4.10E+00	-2.62E+01	1.17E+02	1.69E+00	3.79E-04	2.29E+05	2.29E+05
nippnipp	M_Av	140453	9.29E-02	5.45E+01	4.16E+01	1.61E+00	-1.36E+02	9.23E+02	1.18E+00	2.25E-05	2.42E+06	2.42E+06
nomaleuc	M_Mm	185780	2.02E-01	6.43E+01	7.83E+01	7.12E-01	-2.43E+02	1.82E+03	1.00E+00	1.83E-05	3.47E+06	3.47E+06
obbarivu	F_Ba	77002	8.82E-01	-4.25E+00	5.74E+01	1.26E+01	-2.61E+01	9.95E+01	2.14E+00	4.08E-04	5.64E+05	5.64E+05
octobima	M_Mo	234484	2.33E-02	-8.09E+02	9.15E+02	3.00E+01	-3.28E+02	1.60E+03	1.23E+00	2.01E-05	4.31E+06	4.31E+06
oesodent	M_Ne	107666	7.01E-01	4.20E+01	1.67E+01	1.49E+00	-3.48E+02	7.93E+02	1.99E+00	2.93E-04	1.26E+06	1.26E+06
oidimaiu	F_As	13536	6.95E-01	3.31E+01	1.93E+01	3.09E+00	1.16E+00	7.02E+01	1.63E+00	3.55E-04	1.22E+05	1.22E+05
ompholea	F_Ba	50222	8.62E-01	-8.67E+01	1.40E+02	3.00E+01	5.84E+00	7.77E+01	1.36E+00	2.82E-04	3.81E+05	3.81E+05
onchoche	M_Ne	80495	2.88E-01	1.10E+01	9.56E+01	2.41E+00	-1.45E+02	3.99E+02	3.19E+00	9.08E-05	1.05E+06	1.05E+06
onchvolv	M_Ne	89476	3.87E-01	4.09E+01	1.03E+02	1.09E+00	-4.43E+02	6.78E+02	5.09E+00	6.93E-05	1.20E+06	1.20E+06
oncofasc	M_In	1558	1.88E-01	6.37E+01	4.11E+01	6.69E-01	-8.00E+02	2.47E+03	1.75E+00	6.42E-04	2.79E+04	2.80E+04
ophidiss	F_As	29006	7.17E-01	3.15E+01	1.86E+01	4.51E+00	-6.63E+00	8.58E+01	1.76E+00	3.29E-04	2.45E+05	2.45E+05
ophipice	F_As	11025	7.39E-01	1.85E+01	4.19E+01	4.05E+00	-1.01E+02	2.47E+02	2.41E+00	4.34E-04	1.11E+05	1.11E+05
ophipili	F_As	10480	8.97E-01	3.85E+01	2.23E+01	1.73E+00	-4.22E+02	6.89E+02	4.86E+00	7.27E-04	1.03E+05	1.03E+05
opishoaz	M_Av	122216	5.76E-02	5.37E+01	4.35E+01	1.86E+00	-1.46E+02	9.83E+02	1.18E+00	2.33E-05	2.13E+06	2.13E+06
ornianat	M_Mm	136545	1.45E-01	6.82E+01	7.12E+01	7.96E-01	-2.56E+02	1.41E+03	1.23E+00	2.12E-05	2.49E+06	2.49E+06
orπισpec	F_Ne	34970	1.10E-02	-3.76E+02	4.14E+02	3.00E+01	-3.30E+00	1.21E+02	2.84E+00	2.22E-04	3.89E+05	3.89E+05
oryccuni	M_Mm	160794	2.22E-01	6.62E+01	7.40E+01	6.92E-01	-2.08E+02	1.73E+03	9.96E-01	2.03E-05	2.98E+06	2.98E+06
oryzbrac	P_Mo	114899	5.14E-01	3.67E+01	5.39E+01	2.92E+00	-1.88E+02	5.97E+02	1.99E+00	6.43E-05	1.52E+06	1.52E+06
ostrluci	P_Ch	1930	1.52E-01	-2.30E+01	7.23E+01	2.12E+01	-5.93E+01	1.60E+02	2.56E+00	1.84E-03	2.22E+04	2.22E+04
ovisarie	M_Mm	191071	1.57E-01	6.52E+01	5.55E+01	8.06E-01	-1.82E+02	1.45E+03	9.63E-01	1.73E-05	3.52E+06	3.52E+06
pachtann	F_As	1802	5.28E-01	-1.10E+00	7.13E+01	1.28E+00	-4.76E+02	5.65E+02	3.00E+01	1.75E-03	2.01E+04	2.02E+04
pan_pani	M_Mm	211448	2.22E-01	6.41E+01	8.04E+01	7.09E-01	-2.13E+02	1.75E+03	1.02E+00	1.81E-05	3.92E+06	3.92E+06
pan_trog	M_Mm	205886	2.05E-01	6.52E+01	8.24E+01	6.95E-01	-2.12E+02	1.83E+03	9.89E-01	1.66E-05	3.86E+06	3.86E+06
panurudi	F_Ba	83142	8.71E-01	1.52E+01	3.98E+01	7.20E+00	-4.01E+01	1.17E+02	2.52E+00	3.00E-04	6.43E+05	6.43E+05
papianub	M_Mm	226137	2.31E-01	6.35E+01	8.73E+01	7.05E-01	-2.45E+02	1.85E+03	1.03E+00	1.80E-05	4.20E+06	4.20E+06
papimach	M_In	82187	1.05E-01	3.62E+01	4.16E+01	5.07E+00	3.56E+00	2.68E+02	1.10E+00	5.39E-05	1.22E+06	1.22E+06
papipoly	M_In	78814	4.46E-01	6.20E+01	6.62E+01	5.42E-01	-1.70E+02	5.57E+02	2.27E+00	7.50E-05	1.20E+06	1.20E+06
papixuth	M_In	94387	1.08E-01	1.51E+01	6.22E+01	7.91E+00	9.34E+00	2.55E+02	1.10E+00	6.14E-05	1.40E+06	1.40E+06
parabras	F_As	19452	5.69E-01	1.51E+01	5.44E+01	3.35E+00	-4.64E+01	1.52E+02	1.95E+00	2.78E-04	2.13E+05	2.13E+05
paraeequo	M_Ne	27140	1.51E-01	-5.64E+00	7.28E+01	1.30E+00	-6.29E+02	1.11E+03	3.58E+00	1.25E-04	4.06E+05	4.06E+05
paraspor	F_As	28441	6.78E-01	2.72E+01	2.29E+01	5.55E+00	-2.11E+01	1.01E+02	2.32E+00	4.78E-04	2.43E+05	2.43E+05
paratepi	M_Ar	120713	9.41E-02	6.30E+01	2.66E+01	1.26E+00	-4.89E+02	2.13E+03	1.54E+00	2.84E-05	2.19E+06	2.19E+06
parumajo	M_Av	183416	1.11E-01	5.56E+01	3.81E+01	1.49E+00	-5.04E+01	8.46E+02	1.01E+00	1.81E-05	3.20E+06	3.20E+06
pateatra	F_As	24183	6.80E-01	3.31E+01	1.95E+01	3.64E+00	-1.48E+01	9.84E+01	1.98E+00	3.89E-04	2.17E+05	2.17E+05
paxiinvo	F_Ba	80782	8.64E-01	2.22E+01	3.07E+01	6.04E+00	4.98E+00	7.75E+01	1.06E+00	2.29E-04	6.41E+05	6.41E+05
paxirubi	F_Ba	135697	7.75E-01	2.54E+01	2.83E+01	4.58E+00	-1.86E+01	1.03E+02	1.86E+00	1.63E-04	1.18E+06	1.18E+06
pedihuma	M_In	120117	6.11E-01	1.36E+01	6.70E+01	6.35E+00	-2.47E+01	1.89E+02	1.24E+00	1.40E-04	1.35E+06	1.35E+06
pelecris	M_Av	111738	8.79E-02	6.50E+01	4.09E+01	1.07E+00	-2.30E+02	1.01E+03	1.49E+00	2.85E-05	1.88E+06	1.88E+06
pelosine	M_Rp	169187	7.09E-02	6.99E+01	4.89E+01	7.66E-01	-2.43E+02	1.68E+03	1.06E+00	1.58E-05	3.18E+06	3.18E+06
penibila	F_As	31314	1.55E-01	-9.15E+00	7.56E+01	1.50E+00	3.35E+01	2.53E+01	2.69E+00	3.17E-04	2.17E+05	2.17E+05
penibrev	F_As	27899	8.45E-01	2.86E+01	2.47E+01	3.99E+00	-1.08E+01	8.90E+01	1.94E+00	4.75E-04	2.27E+05	2.28E+05
penicane	F_As	27579	8.33E-01	3.21E+01	2.15E+01	3.35E+00	-6.12E+00	8.30E+01	1.81E+00	4.10E-04	2.29E+05	2.29E+05
penichry	F_As	23916	7.02E-01	2.54E+01	2.94E+01	4.60E+00	-9.40E+00	8.40E+01	1.92E+00	3.94E-04	2.13E+05	2.13E+05
penidigi	F_As	15044	8.25E-01	2.53E+01	3.01E+01	4.51E+00	-3.19E+01	1.29E+02	2.28E+00	6.20E-04	1.28E+05	1.28E+05
peniexpa	F_As	26084	8.25E-01	2.79E+01	2.76E+01	4.02E+00	-1.05E+01	8.93E+01	1.95E+00	3.83E-04	2.19E+05	2.19E+05
penifell	F_As	25307	8.64E-01	3.24E+01	2.33E+01	3.23E+00	-2.61E+01	1.02E+02	1.86E+00	4.01E-04	2.13E+05	2.13E+05
peniglab	F_As	28490	8.52E-01	3.21E+01	2.28E+01	3.31E+00	-2.49E+01	1.01E+02	1.91E+00	4.04E-04	2.39E+05	2.39E+05
penijant	F_As	28925	7.95E-01	2.92E+01	2.95E+01	3.42E+00	-6.75E+00	8.83E+01	1.70E+00	2.82E-04	2.60E+05	2.60E+05
penilano	F_As	24409	8.26E-01	3.27E+01	2.27E+01	3.25E+00	-3.59E+01	1.10E+02	2.20E+00	4.28E-04	2.08E+05	2.08E+05
penioxal	F_As	19200	8.53E-02	1.84E+01	4.81E+01	1.08E+00	3.62E+01	3.23E+01	1.89E+00	3.16E-04	1.88E+05	1.88E+05
penirais	F_As	26895	8.42E-01	3.16E+01	2.23E+01	3.43E+00	-1.22E+01	9.19E+01	1.93E+00	4.31E-04	2.23E+05	2.23E+05
phaealeo	F_As	15475	8.89E-01	4.19E+01	1.43E+01	1.73E+00	-3.82E+03	4.07E+03	3.00E+01	7.75E-04	1.41E+05	1.41E+05
phaelept	M_Av	114111	8.67E-02	6.30E+01	4.05E+01	1.18E+00	-2.17E+02	9.94E+02	1.45E+00	2.74E-05	1.92E+06	1.92E+06
phaetric	O_St	7473	2.64E-01	-4.55E-01	5.32E+01	1.31E+00	5.54E+01	2.99E+01	1.33E+00	5.70E-04	8.19E+04	8.19E+04
phalcarb	M_Av	104269	7.22E-02	6.45E+01	3.85E+01	1.18E+00	-2.37E+02	1.03E+03	1.47E+00	2.98E-05	1.77E+06	1.77E+06
phancarn	F_Ba	74327	8.88E-01	6.92E+00	4.60E+01	1.06E+01	1.79E+00	6.88E+01	1.29E+00	3.03E-04	5.42E+05	5.42E+05
phanchry	F_Ba	72031	9.07E-01	1.94E+01	3.30E+01	7.85E+00	-1.49E+01	8.46E+01	1.88E+00	4.95E-04	5.06E+05	5.06E+05
phlebrev	F_Ba	81273	8.71E-01	1.42E+01	3.91E+01	8.23E+00	-4.66E+00	8.47E+01	1.42E+00	2.41E-04	6.20E+05	6.20E+05
phlegiga	F_Ba	61464	8.97E-01	-4.92E+01	1.01E+02	2.58E+01	-1.00E+01	8.33E+01	1.74E+00	4.09E-04	4.27E+05	4.27E+05
phoedact	P_Mo	134665	5.13E-01	5.53E+01	4.39E+01	1.45E+00	-5.80E+02	1.60E+03	1.77E+00	5.49E-05	2.02E+06	2.02E+06
phomtrac	F_As	25904	6.70E-01									

plafalc	O_Al	14959	1.94E-01	-2.55E+01	1.47E+02	1.25E+00	-1.66E+01	1.42E+02	3.63E+00	3.00E-04	1.74E+05	1.74E+05
plafrag	O_Al	9384	7.35E-01	-8.98E+02	1.04E+03	3.00E+01	-7.63E+01	2.88E+02	1.67E+00	4.41E-04	1.10E+05	1.11E+05
plasinui	O_Al	8064	2.01E-01	-5.41E+01	2.03E+02	1.71E+00	-4.55E+02	6.06E+02	1.52E+01	4.34E-04	9.24E+04	9.24E+04
plasknow	O_Al	8139	8.91E-01	-6.70E+01	2.16E+02	4.96E+00	-2.92E+01	2.21E+02	1.49E+00	4.38E-04	9.30E+04	9.31E+04
plasreic	O_Al	8433	6.23E-03	1.69E+01	5.13E+00	3.46E-01	8.68E+00	1.16E+02	2.86E+00	5.68E-04	9.27E+04	9.27E+04
plavinc	O_Al	8263	5.23E-02	1.84E+01	3.85E+01	7.37E-01	2.70E+01	8.42E+01	2.87E+00	9.51E-04	8.79E+04	8.80E+04
plaviva	O_Al	15821	1.92E-01	-6.45E+01	2.25E+02	1.59E+00	-9.02E+01	2.36E+02	5.96E+00	3.55E-04	1.84E+05	1.84E+05
plasyoel	O_Al	9396	7.25E-02	1.24E+01	3.67E+01	7.71E-01	3.56E+01	8.34E+01	2.24E+00	8.35E-04	1.06E+05	1.08E+05
pleosipa	F_Ba	27909	6.32E-01	3.47E+01	1.80E+01	3.22E+00	-1.39E+01	9.79E+01	1.92E+00	2.96E-04	2.60E+05	2.60E+05
pleuostr	F_Ba	61289	8.46E-01	-2.88E+01	8.13E+01	1.89E+01	-1.07E+01	8.25E+01	1.68E+00	3.03E-04	4.61E+05	4.61E+05
plutxylo	M_In	175490	7.77E-01	-2.92E+01	3.75E+02	9.88E-01	-2.51E+03	2.87E+03	3.00E+01	6.35E-05	2.75E+06	2.75E+06
podoanse	F_As	13764	7.19E-01	3.17E+00	5.43E+01	8.27E+00	-1.70E+01	9.56E+01	2.62E+00	6.48E-04	1.19E+05	1.19E+05
polyarcu	F_Ba	85218	8.86E-01	1.47E+01	4.00E+01	7.37E+00	-1.77E+01	1.07E+02	1.62E+00	3.11E-04	6.61E+05	6.61E+05
polycitr	F_As	14030	6.76E-01	3.04E+01	2.74E+01	3.78E+00	-2.64E+01	9.72E+01	2.00E+00	5.49E-04	1.30E+05	1.30E+05
polyfusc	F_As	28655	7.29E-01	2.06E+01	2.89E+01	7.25E+00	-1.67E+01	9.69E+01	2.15E+00	4.23E-04	2.36E+05	2.36E+05
polypall	O_Am	32441	5.23E-01	-2.86E+02	3.59E+02	3.00E+01	-4.51E+01	1.67E+02	1.56E+00	1.99E-04	3.67E+05	3.67E+05
pongabel	M_Mm	175722	2.25E-01	6.41E+01	7.62E+01	7.24E-01	-2.37E+02	1.69E+03	1.05E+00	2.09E-05	3.23E+06	3.23E+06
postplac	F_Ba	64636	7.16E-01	-4.56E+01	9.89E+01	2.24E+01	-1.05E+01	8.79E+01	1.48E+00	2.58E-04	5.58E+05	5.58E+05
priacaud	M_Pr	93824	7.75E-01	-1.86E+02	5.16E+02	2.47E+00	-1.10E+03	3.67E+03	1.67E+00	3.36E-05	1.51E+06	1.51E+06
prisexsp	M_Ne	247005	2.05E-01	3.67E+01	8.91E+00	1.84E+00	-3.74E+01	1.64E+02	1.76E+00	1.67E-04	3.03E+06	3.03E+06
prispaci	M_Ne	397403	1.54E-01	-4.20E+01	8.65E+01	3.00E+01	-1.31E+01	1.30E+02	1.48E+00	1.29E-04	4.91E+06	4.91E+06
protinou	F_As	5649	7.59E-01	3.01E+01	1.19E+01	1.86E+00	-2.07E+01	1.44E+02	2.24E+00	1.22E-03	5.26E+04	5.26E+04
protmucr	M_Rp	160821	1.19E-01	6.87E+01	5.46E+01	8.15E-01	-2.97E+02	1.36E+03	1.43E+00	2.11E-05	2.81E+06	2.81E+06
prunmume	P_Eu	111219	5.10E-01	4.18E+01	5.65E+01	2.47E+00	-1.88E+02	5.19E+02	2.24E+00	5.83E-05	1.45E+06	1.45E+06
pseuanta	F_Ba	4742	6.86E-01	-2.82E+02	3.59E+02	2.15E+01	-6.37E+02	9.00E+02	6.77E+00	8.69E-04	5.30E+04	5.31E+04
pseuhumi	M_Av	170757	1.12E-01	5.25E+01	3.92E+01	1.74E+00	-6.87E+01	7.99E+02	1.09E+00	2.13E-05	2.92E+06	2.92E+06
pseuhype	F_As	23929	7.27E-01	3.07E+01	2.03E+01	4.25E+00	-1.37E+01	9.50E+01	2.09E+00	4.20E-04	2.03E+05	2.03E+05
pseumult	O_St	1467	6.31E-03	-1.29E+02	1.71E+02	1.46E+01	2.46E+01	1.14E+02	2.05E+00	1.35E-03	1.73E+04	1.73E+04
ptergutt	M_Av	109420	8.09E-02	6.28E+01	3.97E+01	1.21E+00	-2.07E+02	9.58E+02	1.45E+00	3.00E-05	1.84E+06	1.84E+06
puccgram	F_Ba	72855	5.57E-01	-7.87E+01	1.80E+02	2.66E+00	-3.02E+02	3.78E+02	3.00E+01	2.13E-04	7.94E+05	7.94E+05
pucstri	F_Ba	48336	3.85E-01	-2.10E+01	9.00E+01	1.69E+00	5.38E+00	7.07E+01	5.69E+00	3.19E-04	4.94E+05	4.94E+05
puncctri	F_Ba	71494	8.80E-01	1.66E+01	3.71E+01	7.30E+00	-8.83E+00	8.69E+01	1.68E+00	2.76E-04	5.44E+05	5.44E+05
pyncoccc	F_Ba	71729	8.95E-01	2.05E+01	3.48E+01	6.21E+00	-2.58E+01	1.15E+02	1.90E+00	3.54E-04	5.54E+05	5.54E+05
pyncsang	F_Ba	77196	8.84E-01	1.80E+01	3.72E+01	6.74E+00	-2.52E+01	1.09E+02	1.83E+00	3.38E-04	6.00E+05	6.00E+05
pygoadal	M_Av	132458	6.58E-02	6.01E+01	3.92E+01	1.48E+00	-1.26E+02	9.64E+02	1.15E+00	2.20E-05	2.31E+06	2.31E+06
pyrespec	F_As	31187	7.43E-01	3.23E+01	1.83E+01	4.01E+00	-2.16E+01	1.04E+02	2.29E+00	3.40E-04	2.61E+05	2.61E+05
pyroconf	F_As	22013	6.79E-01	3.50E+01	1.88E+01	2.92E+00	-4.04E+01	1.33E+02	2.32E+00	4.12E-04	2.06E+05	2.06E+05
pyrubret	P_Eu	166799	4.46E-01	3.55E+01	6.11E+01	3.04E+00	-1.14E+02	4.01E+02	1.82E+00	4.73E-05	2.19E+06	2.19E+06
pythapha	O_St	15264	4.29E-01	-2.24E+00	6.61E+01	1.14E+00	-9.70E+01	1.59E+02	3.00E+01	7.33E-04	1.50E+05	1.50E+05
pytharrh	O_St	21747	5.84E-01	-6.38E+01	1.50E+02	2.43E+00	-1.20E+02	1.88E+02	3.00E+01	4.68E-04	2.29E+05	2.29E+05
pythbivi	M_Rp	165393	1.02E-01	6.90E+01	5.33E+01	8.12E-01	-2.68E+02	1.33E+03	1.39E+00	2.03E-05	2.90E+06	2.90E+06
pythirre	O_St	24970	3.41E-01	-3.68E+01	1.12E+02	2.04E+00	-2.71E+02	3.58E+02	3.00E+01	3.07E-04	2.49E+05	2.49E+05
pythiway	O_St	25153	6.46E-01	-2.35E+02	3.13E+02	3.00E+01	-1.73E+02	2.80E+02	3.13E+00	5.67E-04	2.56E+05	2.56E+05
pythulti	O_St	22103	2.79E-01	-1.97E+01	9.38E+01	1.51E+00	-2.32E+02	3.13E+02	3.00E+01	2.94E-04	2.14E+05	2.14E+05
pythvexa	O_St	22159	3.76E-01	-1.65E+01	8.35E+01	1.66E+00	-9.85E+01	1.68E+02	2.36E+01	5.71E-04	2.11E+05	2.11E+05
ramarube	F_Ba	112962	1.62E-01	-2.01E+01	7.57E+01	2.34E+00	-3.29E+00	5.61E+01	1.12E+01	2.09E-04	8.58E+05	8.58E+05
retifilo	O_Rh	59970	1.95E-01	-1.74E+02	2.01E+02	3.00E+01	-4.63E+02	5.42E+02	1.63E+01	1.22E-03	6.17E+05	6.17E+05
rhinroxe	M_Mm	197465	2.33E-01	6.42E+01	7.80E+01	7.17E-01	-2.53E+02	1.77E+03	1.07E+00	2.00E-05	3.63E+06	3.63E+06
rhizmicr	F_Mu	36264	9.26E-01	-2.43E+00	5.44E+01	1.09E+01	-3.00E+00	6.16E+01	1.64E+00	4.51E-04	2.58E+05	2.58E+05
rhizoryz	F_Mu	39870	6.73E-01	-1.10E+02	1.62E+02	3.00E+01	-5.97E+01	1.46E+02	3.15E+00	4.81E-04	3.52E+05	3.53E+05
rhizola	F_Ba	72521	8.94E-01	-3.97E+01	9.20E+01	2.18E+01	3.79E+01	2.62E+01	8.97E-01	3.15E-04	5.02E+05	5.02E+05
rhizvini	F_Mu	69495	8.93E-01	3.44E+00	4.82E+01	1.14E+01	-6.57E+00	7.21E+01	1.61E+00	3.06E-04	4.95E+05	4.95E+05
rhodgram	F_Ba	31116	8.82E-01	3.83E+01	3.29E+01	3.02E+00	-1.15E+01	1.32E+02	1.32E+00	3.12E-04	2.87E+05	2.87E+05
rhodminu	F_Ba	37743	8.98E-01	3.23E+01	3.26E+01	3.33E+00	-8.76E+01	1.91E+02	3.08E+00	2.56E-04	3.29E+05	3.29E+05
rhodspec	F_Ba	35187	8.61E-01	4.04E+01	2.84E+01	2.78E+00	-1.83E+01	9.96E+01	1.75E+00	3.93E-04	3.18E+05	3.18E+05
rhotodor	F_Ba	42374	8.01E-01	4.12E+01	1.73E+01	3.42E+00	-4.12E+01	1.25E+02	3.61E+00	8.93E-04	3.37E+05	3.37E+05
rhytrufu	F_As	26024	7.01E-01	4.39E+00	4.77E+01	9.95E+00	8.87E+00	8.07E+01	1.64E+00	4.06E-04	2.27E+05	2.27E+05
rickmell	F_Ba	86718	9.04E-01	-3.03E+01	8.30E+01	2.05E+01	-1.91E+01	9.17E+01	1.90E+00	3.83E-04	6.02E+05	6.02E+05
rozeallo	F_Cr	19910	5.58E-02	-5.41E+01	7.55E+01	2.04E+01	2.59E+01	1.08E+00	4.99E-01	2.09E-02	1.39E+05	1.39E+05
sackkowa	M_He	137070	1.69E-01	6.89E+01	7.46E+01	9.98E-01	-1.10E+02	7.08E+02	1.32E+00	2.78E-05	2.23E+06	2.23E+06
saccprot	F_As	18953	5.82E-01	3.33E+01	2.00E+01	3.63E+00	-7.04E+00	8.41E+01	1.82E+00	3.73E-04	1.79E+05	1.79E+05
saimboli	M_Mm	188169	2.35E-01	6.45E+01	7.82E+01	7.05E-01	-2.56E+02	1.81E+03	1.07E+00	2.04E-05	3.47E+06	3.47E+06
saitcomp	F_As	9150	8.35E-01	-2.76E+01	8.04E+01	2.02E+01	-1.18E+01	7.95E+01	1.71E+00	6.30E-04	6.83E+04	6.83E+04
salmsala	M_Fs	404053	6.96E-01	5.14E+01	1.35E+02	9.57E-01	-5.90E+02	2.57E+03	1.25E+00	1.82E-05	6.61E+06	6.61E+06
salprose	O_Op	173393	7.88E-02	-7.35E+01	2.39E+02	1.56E+00	-1.52E+03	1.71E+03	3.00E+01	1.35E-04	2.02E+06	2.02E+06
salvmilt	P_Eu	4009	5.38E-01	3.11E+01	5.30E+01	3.35E+00	-2.81E+02	6.36E+02	2.46E+00	5.57E-04	5.09E+05	5.09E+05
sapridcl	O_St	54471	9.52E-01	-7.03E+01	1.16E+02	3.00E+01	1.16E+01	5.56E+01	9.62E-01	7.71E-04	3.50E+05	3.51E+05
saprrpara	O_St	58891	1.10E-01	1.23E+01	3.42E+01	1.11E+00	-7.91E+01	1.26E+02	3.00E+01	7.50E-04	4.12E+05	4.12E+05
sarcneur	O_Al	35950	2.14E-01	-1.44E+02	3.73E+02	1.75E+00	-6.05E+03	7.17E+03	1.11E+01	8.56E-05	5.84E+05	5.84E+05
sarcscab	M_Ar	21448	6.09E-01	2.26E+01	3.99E+01	4.19E+00	-2.78E+00	7.84E+01	1.16E+00	2.83E-04	2.22E+05	2.22E+05
schicomm	F_Ba	73976	8.01E-01	1.65E+01	3.44E+01	9.23E+00	-1.55E+01	9.76E+01	1.92E+00	3.45E-04	5.70E+05	5.70E+05
schicryo	F_As	5864	6.18E-01	-6.02E+01	1.07E+02	1.47E+01	-8.29E+01	1.58E+02	3.66E+00	7.91E-04	5.46E+04	5.46E+04
schihaem	M_Pl	104990	1.21E-01	2.73E+01	1.16E+01	1.00E+00	-1.45E+03	2.96E+03	2.59E+00	7.12E-05	1.81E+06	1.81E+06
schijapa	M_Pl	46464	2.01E-01	2.43E+01	1.18E+01	1.45E+00	-1.15E+03	2.44E+03	2.36E+00	1.15E-04	7.69E+05	7.69E+05
schijapo	F_As	5369	6.87E-01	-1.10E+01	5.88E+01	7.01E+00	-7.76E+01	1.66E+02	3.82E+00	9.80E-04	4.98E+04	4.98E+04
schiocto	F_As	5504	7.79E-01	-3.37E+00	5.04E+01	6.26E+00	-2.65E+02	3.78E+02	7.26E+00	1.03E-03	4.98E+04	4.98E+04
schipara	F_Ba	108900	8.90E-01	9.13E+00	4.52E+01	8.41E+00	-3.20E+01	1.08E+02	2.32E+00	1.89E-04	8.22E+05	8.22E+05
schipomb	F_As	5241	7.78E-01									

spodfrug	M_In	7702	1.34E-01	2.15E+01	6.02E+01	7.48E+00	-3.97E+01	3.67E+02	1.28E+00	2.67E-04	1.15E+05	1.15E+05
sporfime	F_As	21063	7.34E-01	3.06E+01	1.83E+01	4.67E+00	-1.75E+01	9.60E+01	2.15E+00	5.33E-04	1.73E+05	1.73E+05
sporrell	F_Ba	2899	7.68E-01	-2.33E+02	3.13E+02	2.88E+01	-1.12E+02	2.60E+02	2.59E+00	1.04E-03	2.83E+04	2.83E+04
sporrose	F_Ba	33904	6.75E-01	-4.49E+00	7.49E+01	8.60E+00	-5.60E+01	1.39E+02	2.46E+00	2.74E-04	3.24E+05	3.24E+05
stagspec	F_As	27882	7.43E-01	3.15E+01	1.89E+01	4.44E+00	-2.28E+01	1.06E+02	2.24E+00	3.96E-04	2.31E+05	2.32E+05
sterhirs	F_Ba	82537	8.50E-01	3.08E+01	2.95E+01	3.33E+00	-1.67E+01	1.12E+02	1.54E+00	1.80E-04	7.37E+05	7.37E+05
strimari	M_In	76264	6.84E-01	-3.72E+00	6.46E+01	9.40E+00	-3.63E+01	2.61E+02	1.16E+00	1.15E-04	8.09E+05	8.09E+05
stropurp	M_Ec	282768	5.00E-01	-6.51E+02	1.21E+03	5.58E+00	-2.61E+02	1.17E+03	1.30E+00	2.05E-05	4.59E+06	4.59E+06
strucame	M_Av	155047	6.05E-02	5.60E+01	4.31E+01	1.69E+00	-1.06E+02	9.89E+02	1.09E+00	1.86E-05	2.74E+06	2.74E+06
sturvulg	M_Av	159269	1.01E-01	5.27E+01	3.83E+01	1.88E+00	-7.86E+01	8.08E+02	1.08E+00	2.17E-05	2.73E+06	2.73E+06
suilbrev	F_Ba	90744	8.76E-01	3.43E+00	4.80E+01	1.14E+01	-3.56E+00	6.58E+01	1.51E+00	3.34E-04	6.58E+05	6.58E+05
suilulte	F_Ba	153215	8.14E-01	2.16E+01	3.07E+01	5.87E+00	-8.83E+00	9.09E+01	1.74E+00	1.61E-04	1.25E+06	1.25E+06
sus_scro	M_Mm	199680	2.09E-01	6.44E+01	7.32E+01	7.33E-01	-2.10E+02	1.61E+03	1.03E+00	1.83E-05	3.67E+06	3.67E+06
sympkoch	F_As	26188	7.87E-01	2.70E+01	2.53E+01	4.55E+00	-8.29E+00	7.90E+01	2.16E+00	3.86E-04	2.14E+05	2.14E+05
taengutt	M_Av	141507	8.75E-02	5.34E+01	4.03E+01	1.77E+00	-9.52E+01	8.18E+02	1.15E+00	2.34E-05	2.42E+06	2.42E+06
takirubr	M_Fs	207893	4.63E-01	4.59E+01	3.59E+01	2.46E+00	-1.42E+01	3.39E+02	1.10E+00	5.80E-05	2.80E+06	2.80E+06
talaacul	F_As	33775	8.49E-01	2.46E+01	3.05E+01	4.46E+00	-3.42E+00	7.80E+01	1.63E+00	2.80E-04	2.80E+05	2.80E+05
talamarn	F_As	21410	8.32E-01	1.95E+01	3.64E+01	5.33E+00	-3.26E+01	1.04E+02	2.21E+00	4.23E-04	1.79E+05	1.79E+05
taphdefo	F_As	2903	2.64E-01	2.43E+01	2.20E+01	9.28E-01	-4.61E+01	9.25E+01	3.00E+01	1.62E-03	2.18E+04	2.19E+04
taureynt	M_Av	111645	8.37E-02	6.43E+01	3.89E+01	1.14E+00	-2.05E+02	9.96E+02	1.40E+00	2.73E-05	1.89E+06	1.89E+06
teranubi	F_As	16272	7.56E-01	2.98E+01	2.50E+01	4.14E+00	-2.80E+01	1.33E+02	1.98E+00	3.00E-04	1.46E+05	1.46E+05
terfboud	F_As	35620	7.31E-01	3.38E+01	2.42E+01	2.72E+00	-4.43E+01	1.25E+02	2.35E+00	2.33E-04	3.34E+05	3.34E+05
tetrurti	M_Ar	91330	4.30E-01	7.68E+00	6.27E+01	5.10E+00	9.39E+00	1.59E+02	9.12E-01	8.03E-05	1.16E+06	1.16E+06
thalocea	O_St	43776	3.01E-01	-2.03E+02	2.74E+02	3.00E+01	1.46E+00	9.77E+01	1.74E+00	5.21E-04	4.84E+05	4.84E+05
thalpseu	O_St	18937	4.21E-01	-3.67E+01	1.13E+02	2.06E+00	4.22E+01	4.20E+01	3.70E+00	6.27E-04	1.99E+05	1.99E+05
thamsirt	M_Rp	92316	1.21E-01	6.78E+01	5.37E+01	8.30E-01	-2.58E+02	1.44E+03	1.26E+00	2.80E-05	1.65E+06	1.65E+06
theiorie	O_Al	12287	3.63E-01	2.77E+01	3.29E+00	1.38E+00	-6.77E+01	1.49E+02	3.09E+00	1.03E-03	1.24E+05	1.24E+05
thelcall	M_Ne	55136	1.68E-01	4.66E+01	4.50E+01	1.43E+00	-1.92E+02	3.75E+02	3.45E+00	1.17E-04	7.02E+05	7.02E+05
thelkita	M_Cn	29945	9.94E-01	1.99E+01	1.56E+00	4.33E-01	-4.58E+01	6.65E+01	2.03E+01	8.26E-03	2.50E+05	2.50E+05
thelmicr	F_As	17049	6.05E-01	3.87E+01	1.37E+01	2.61E+00	-3.27E+01	1.12E+02	2.16E+00	6.31E-04	1.61E+05	1.61E+05
theraura	F_As	20351	7.62E-01	3.72E+01	2.20E+01	2.12E+00	8.18E-01	7.66E+01	1.49E+00	3.19E-04	1.94E+05	1.94E+05
thieanta	F_As	19056	6.84E-01	2.93E+01	2.90E+01	3.46E+00	-1.29E+01	9.92E+01	1.80E+00	3.07E-04	1.82E+05	1.82E+05
thieappe	F_As	27452	6.44E-01	2.69E+01	3.17E+01	3.70E+00	-9.85E+00	9.02E+01	1.79E+00	2.01E-04	2.65E+05	2.65E+05
thiearen	F_As	29077	7.70E-01	2.62E+01	3.44E+01	3.34E+00	-2.23E+01	1.20E+02	1.88E+00	2.70E-04	2.76E+05	2.76E+05
thiehyrc	F_As	24540	6.89E-01	3.10E+01	2.96E+01	2.86E+00	-1.19E+01	9.60E+01	1.75E+00	2.65E-04	2.39E+05	2.39E+05
thieterr	F_As	17866	7.41E-01	2.90E+01	3.53E+01	2.95E+00	-1.42E+01	1.03E+02	1.75E+00	3.66E-04	1.75E+05	1.75E+05
thozspec	F_As	47313	7.45E-01	2.85E+01	3.00E+01	3.51E+00	-4.98E+00	8.27E+01	1.66E+00	2.53E-04	4.35E+05	4.35E+05
tillanom	F_Ba	18237	8.63E-01	-2.17E+01	9.40E+01	8.50E+00	-7.27E+01	1.72E+02	2.49E+00	3.40E-04	1.64E+05	1.64E+05
tillwash	F_Ba	26359	7.66E-01	2.80E+01	2.63E+01	5.72E+00	-2.56E+01	1.36E+02	2.03E+00	7.91E-04	2.24E+05	2.24E+05
tinagutt	M_Av	129567	7.82E-02	4.67E+01	4.81E+01	2.01E+00	-1.24E+02	8.23E+02	1.24E+00	2.48E-05	2.19E+06	2.19E+06
tothfusc	F_As	32501	7.18E-01	2.38E+01	2.91E+01	5.53E+00	-3.19E+01	1.20E+02	2.31E+00	2.88E-04	2.84E+05	2.84E+05
tramjub	F_Ba	78152	8.89E-01	1.86E+01	3.63E+01	6.47E+00	-2.26E+01	1.09E+02	1.84E+00	3.02E-04	6.07E+05	6.07E+05
tremPERT	F_As	35064	7.07E-01	3.04E+01	2.04E+01	4.46E+00	-1.96E+01	1.02E+02	2.20E+00	3.63E-04	3.00E+05	3.00E+05
tricable	F_Ba	82775	8.76E-01	1.50E+01	3.96E+01	7.38E+00	-2.22E+01	9.84E+01	1.96E+00	2.23E-04	6.37E+05	6.37E+05
tricaspe	F_As	23471	7.85E-01	2.78E+01	3.40E+01	3.10E+00	-2.87E+01	1.18E+02	1.85E+00	2.84E-04	2.23E+05	2.23E+05
tricatro	F_As	20382	7.13E-01	2.23E+01	3.83E+01	3.99E+00	-1.04E+01	1.00E+02	1.63E+00	3.00E-04	1.96E+05	1.97E+05
trichisp	F_As	23234	7.67E-01	2.80E+01	1.94E+01	3.94E+00	-4.71E+00	8.37E+01	1.70E+00	4.16E-04	1.95E+05	1.95E+05
tricharz	F_As	26905	7.94E-01	2.70E+01	3.32E+01	3.47E+00	-3.16E+01	1.22E+02	1.86E+00	2.37E-04	2.50E+05	2.50E+05
tricloug	F_As	21497	7.16E-01	3.27E+01	2.97E+01	2.70E+00	-8.12E+00	1.01E+02	1.52E+00	2.92E-04	2.13E+05	2.13E+05
tricnati	M_Ne	50698	6.31E-01	-4.24E+00	6.49E+01	6.13E+00	-5.40E+01	2.14E+02	1.80E+00	1.80E-04	5.50E+05	5.50E+05
tricolore	F_Ba	21907	7.31E-01	2.65E+01	8.14E+00	1.77E+00	-3.11E+01	1.21E+02	2.16E+00	9.96E-04	1.94E+05	1.94E+05
tricipeta	F_As	3549	6.66E-01	4.39E+00	3.85E+01	7.90E+00	-7.64E-01	6.78E+01	1.29E+00	9.17E-04	3.20E+04	3.21E+04
tricipret	M_In	62295	5.76E-01	-2.07E+02	2.80E+02	3.00E+01	5.40E+00	3.25E+02	8.37E-01	1.43E-04	7.77E+05	7.77E+05
tricrees	F_As	18049	6.27E-01	3.01E+01	3.40E+01	2.85E+00	-2.11E+01	1.10E+02	2.00E+00	3.30E-04	1.82E+05	1.82E+05
tricroubr	F_As	18104	7.66E-01	1.23E+01	4.85E+01	5.64E+00	-7.25E+01	1.59E+02	3.14E+00	3.68E-04	1.63E+05	1.63E+05
tricrover	F_As	12529	5.20E-01	-3.37E+02	4.12E+02	1.06E+01	-1.20E+02	1.81E+02	2.53E+01	9.84E-04	1.19E+05	1.19E+05
tricrovire	F_As	23801	6.55E-01	1.57E+01	4.45E+01	5.11E+00	-1.16E+01	9.52E+01	1.83E+00	2.96E-04	2.29E+05	2.29E+05
tringuia	F_As	26210	7.33E-01	3.47E+01	2.35E+01	2.57E+00	-6.89E+01	1.64E+02	2.86E+00	3.67E-04	2.48E+05	2.48E+05
tritaest	P_Mo	286887	5.86E-01	3.74E+01	5.33E+01	2.94E+00	-2.51E+02	6.29E+02	2.39E+00	6.96E-05	3.61E+06	3.61E+06
tritspec	F_Ba	34685	9.47E-01	2.34E+01	3.95E+01	4.40E+00	-2.79E+01	1.12E+02	2.03E+00	4.43E-04	2.84E+05	2.84E+05
trypelut	F_As	26297	7.20E-01	2.76E+01	2.60E+01	4.35E+00	-2.45E+01	1.09E+02	2.33E+00	3.14E-04	2.32E+05	2.32E+05
tubemela	F_As	11366	1.39E-01	3.70E+00	5.76E+01	1.31E+00	3.50E+01	2.31E+01	2.31E+00	5.85E-04	1.02E+05	1.02E+05
tulacalo	F_Ba	75950	8.52E-01	1.51E+01	4.36E+01	6.42E+00	6.75E-01	8.60E+01	1.15E+00	2.29E-04	6.44E+05	6.44E+05
tupachin	M_Mm	179244	2.10E-01	6.14E+01	7.51E+01	7.57E-01	-2.74E+02	1.86E+03	1.05E+00	1.92E-05	3.33E+06	3.33E+06
tytoalba	M_Av	104335	6.41E-02	6.52E+01	3.62E+01	1.24E+00	-2.25E+02	1.02E+03	1.45E+00	2.85E-05	1.77E+06	1.77E+06
umberama	F_Mu	39830	9.29E-01	2.07E+01	4.63E+01	6.12E+00	-1.09E+02	2.10E+02	3.71E+00	4.02E-04	3.16E+05	3.16E+05
uncirees	F_As	16178	5.74E-01	-1.03E+01	6.71E+01	1.00E+01	-8.81E+01	1.75E+02	3.09E+00	4.58E-04	1.58E+05	1.58E+05
valelaxa	F_As	17971	8.54E-01	2.85E+01	3.40E+01	2.99E+00	-3.15E+01	1.49E+02	1.77E+00	3.11E-04	1.69E+05	1.69E+05
verrenal	F_As	30630	6.81E-01	3.08E+01	2.05E+01	4.21E+00	-1.55E+01	9.73E+01	2.05E+00	3.49E-04	2.70E+05	2.70E+05
vertalfa	F_As	18428	6.65E-01	3.84E+01	1.87E+01	2.09E+00	-6.98E+01	1.96E+02	2.28E+00	4.78E-04	1.88E+05	1.88E+05
vertdahl	F_As	19022	7.16E-01	3.62E+01	2.03E+01	2.49E+00	-5.14E+01	1.55E+02	2.29E+00	3.93E-04	1.82E+05	1.82E+05
vignradi	P_Eu	132285	4.70E-01	4.59E+01	4.64E+01	2.31E+00	-1.13E+02	4.96E+02	1.63E+00	5.78E-05	1.80E+06	1.80E+06
vitrbas	O_Al	173000	9.72E-01	-1.10E+02	1.85E+02	1.14E+01	-1.09E+03	1.37E+03	1.31E+01	1.49E-04	1.58E+06	1.58E+06
wallicht	F_Ba	11664	9.29E-01	6.10E-01	4.63E+01	1.37E+01	-1.62E+00	8.45E+01	1.36E+00	1.32E-03	7.59E+04	7.59E+04
wasmaurc	M_In	83247	2.53E-01	-5.18E+01	1.34E+02	1.07E+01	1.97E+01	2.50E+02	8.65E-01	5.48E-05	1.22E+06	1.22E+06
westorna	F_As	22208	7.00E-01	3.34E+01	1.80E+01	3.61E+00	-1.92E+01	1.01E+02	2.22E+00	3.86E-04	1.94E+05	1.94E+05
wickanom	F_As	2865	5.16E-01	7.07E+00	6.75E+01	9.21E-01	-6.93E+01	1.23E+02	3.00E+01	9.28E-04	3.02E+04	3.02E+04
wilcmiko	F_As	31921	7.30E-01	4.87E+00	4.88E+01	8						

ailumela	M_Mm	190361	9.55E-02	6.02E+01	3.62E+01	1.52E+00	-2.98E+02	5.76E+02	3.55E+00	1.35E-01	-3.24E+02	1.78E+03	1.16E+00	1.58E-05	3.45E+06	3.45E+06
altebras	F_As	17748	5.06E-01	3.40E+01	1.65E+01	4.18E+00	-1.25E+01	7.87E+01	2.27E+00	3.48E-01	-3.68E+02	5.92E+02	4.69E+00	4.67E-04	1.75E+05	1.75E+05
amarhytop	P_Eu	99043	3.22E-01	3.16E+01	5.72E+01	3.97E+00	-1.15E+02	3.41E+02	2.01E+00	2.54E-01	-4.40E+02	1.27E+03	2.25E+00	4.46E-05	1.44E+06	1.44E+06
anabotic	P_Am	82359	3.05E-01	4.63E+01	5.74E+01	1.98E+00	-3.62E+01	2.56E+02	1.26E+00	2.33E-01	-1.53E+02	9.88E+02	1.19E+00	3.87E-05	1.29E+06	1.29E+06
anancmc	P_Mo	124658	7.11E-02	7.65E+00	4.03E+01	1.17E+00	5.06E+01	4.51E+01	1.97E+00	3.40E-01	-1.42E+02	6.06E+02	1.73E+00	4.50E-05	1.80E+06	1.80E+06
ancyceyl	M_Ne	201928	4.70E-01	4.12E+01	1.93E+01	1.97E+00	-4.46E+00	2.04E+02	1.27E+00	3.05E-01	-8.62E+02	1.93E+03	2.51E+00	7.16E-05	2.69E+06	2.69E+06
ancyduod	M_Ne	105752	3.51E-02	-1.73E+02	2.12E+02	1.35E+01	4.60E+01	1.84E+01	1.11E+00	5.72E-01	-2.70E+02	6.28E+02	2.29E+00	1.54E-04	1.34E+06	1.34E+06
angicant	M_Ne	47798	1.14E-01	-1.11E+02	1.81E+02	4.21E+00	4.34E+01	2.54E+01	1.22E+00	4.32E-01	-2.04E+02	7.16E+02	1.73E+00	9.61E-05	6.63E+05	6.63E+05
angicost	M_Ne	40656	4.47E-02	-6.16E+02	6.60E+02	3.00E+01	4.48E+01	3.07E+01	9.29E-01	5.65E-01	-1.22E+03	1.87E+03	3.62E+00	1.17E-04	5.68E+05	5.68E+05
anopdari	M_In	37365	5.97E-01	-2.42E+01	9.60E+01	9.53E+00	-4.83E+01	2.71E+02	1.28E+00	2.33E-01	-2.42E+04	2.58E+04	3.00E+01	9.47E-05	4.61E+05	4.61E+05
anopgamt	M_In	83754	5.32E-01	-4.06E+01	1.13E+02	1.09E+01	-1.49E+01	1.71E+02	1.25E+00	2.54E-01	-3.54E+02	2.06E+03	1.21E+00	6.75E-05	1.10E+06	1.10E+06
anopsine	M_In	23063	5.79E-01	9.80E+00	6.00E+01	6.80E+00	-2.71E+01	3.19E+02	1.04E+00	2.79E-01	-4.61E+02	2.68E+03	1.33E+00	1.28E-04	2.97E+05	2.97E+05
aphaasta	O_St	57224	6.73E-01	1.31E-01	5.30E+01	6.09E+00	-2.78E+02	3.57E+02	9.41E+00	1.86E-01	-4.02E+01	4.24E+02	2.48E+00	1.69E-04	5.82E+05	5.82E+05
apisdors	M_In	64195	4.49E-01	5.37E+00	7.24E+01	4.96E+00	-5.94E+00	2.70E+02	1.09E+00	4.35E-01	-3.00E+02	2.54E+03	9.49E-01	6.11E-05	9.03E+05	9.03E+05
apisflor	M_In	64863	4.75E-01	6.54E+00	7.10E+01	4.88E+00	2.37E+00	3.11E+02	9.24E-01	4.94E-01	1.88E+03	6.21E+03	1.05E+00	6.63E-05	8.98E+05	8.98E+05
apismell	M_In	141928	4.58E-01	5.95E+00	7.21E+01	4.83E+00	-5.96E+00	2.69E+02	1.12E+00	4.29E-01	-3.00E+02	2.54E+03	9.41E-01	5.28E-05	1.98E+06	1.98E+06
aplakerg	O_St	22059	9.24E-01	-2.50E+01	7.62E+01	1.75E+01	-2.31E+02	3.02E+02	1.15E+01	6.62E-02	8.51E+01	2.81E+02	9.94E-01	4.67E-04	1.51E+05	1.51E+05
aploprun	F_As	23464	6.82E-01	1.92E+01	3.41E+01	5.92E+00	-3.18E+02	3.91E+02	1.09E+01	2.82E-01	1.14E+02	1.40E+02	1.30E+00	4.27E-04	2.08E+05	2.08E+05
aquichry	M_Av	176824	3.35E-02	3.42E+01	5.34E+01	4.69E+00	5.47E+01	7.03E+01	1.03E+00	1.07E-01	-9.53E+01	9.61E+02	1.09E+00	1.79E-05	3.08E+06	3.08E+06
aquicoer	P_Eu	119001	5.32E-01	-4.06E+01	1.13E+02	1.09E+01	-1.49E+01	1.71E+02	1.25E+00	2.54E-01	-3.54E+02	2.06E+03	1.21E+00	6.75E-05	1.10E+06	1.10E+06
armigall	F_Ba	138043	8.55E-01	-6.19E+01	1.13E+02	3.00E+01	-7.08E+00	6.86E+01	1.67E+00	1.41E-01	-5.59E+01	2.76E+02	7.57E+00	3.58E-04	9.89E+05	9.89E+05
armimell	F_Ba	71611	8.25E-01	-5.88E+01	1.10E+02	3.00E+01	2.14E+01	3.64E+01	1.66E+00	1.25E-01	-1.51E+02	3.86E+02	3.08E+00	4.76E-04	5.25E+05	5.25E+05
ascosarc	F_As	21551	7.01E-01	3.16E+01	1.95E+01	4.05E+00	-1.46E+02	2.29E+02	6.97E+00	2.50E-01	-1.13E+02	3.75E+02	1.63E+00	4.25E-04	1.89E+05	1.89E+05
aspeacul	F_As	26591	7.71E-01	3.35E+01	2.50E+01	2.37E+00	-8.29E+00	9.08E+01	1.56E+00	2.27E-01	6.10E+02	2.14E+03	4.73E-01	2.52E-04	2.55E+05	2.55E+05
aspendiu	F_As	23489	7.04E-01	2.86E+01	2.45E+01	3.27E+00	-1.27E+02	1.84E+02	7.52E+00	1.93E-01	-2.14E+02	3.80E+02	4.36E+00	4.45E-04	2.14E+05	2.14E+05
astymexi	M_Fs	198633	6.86E-02	6.74E+01	3.04E+01	1.94E+00	5.20E+01	6.74E+01	1.48E+00	2.08E-01	-1.35E+02	1.10E+03	1.20E+00	2.00E-05	3.33E+06	3.33E+06
atharosa	M_In	69737	5.54E-01	-5.25E+01	1.32E+02	8.81E+00	6.21E+00	2.34E+02	1.04E+00	4.01E-01	5.81E+02	2.15E+03	9.64E-01	1.07E-04	8.95E+05	8.95E+05
atraspec	F_Ba	81618	8.48E-01	2.05E+01	3.04E+01	5.70E+00	4.37E+00	6.87E+01	1.07E+00	1.44E-01	3.37E+01	2.98E+02	3.38E+00	1.81E-04	6.64E+05	6.64E+05
atraceph	M_In	58562	2.92E-01	-3.28E+01	1.11E+02	8.61E+00	1.34E+01	2.50E+02	9.36E-01	6.71E-01	6.45E+02	2.12E+03	8.87E-01	6.62E-05	8.52E+05	8.52E+05
aulohede	F_As	23731	6.31E-01	3.16E+01	2.07E+01	4.05E+00	-2.33E+02	3.11E+02	9.71E+00	3.03E-01	-6.71E+01	3.00E+02	2.64E+00	3.43E-04	2.16E+05	2.16E+05
aurailima	O_St	2888	1.12E-01	2.21E+01	6.48E+01	4.97E-01	-1.67E+02	2.59E+02	9.40E+00	2.68E-01	-6.25E+01	2.90E+02	2.05E+00	6.40E-04	3.91E+04	3.91E+04
aureanop	O_St	16948	9.29E-02	1.35E+01	2.43E+01	9.54E-01	3.46E+01	4.40E+01	7.82E-01	7.86E-01	-3.84E+01	2.38E+02	1.97E+01	6.69E-04	2.15E+05	2.15E+05
austimlin	M_Fs	144184	2.66E-01	-2.49E+02	3.31E+02	3.00E+01	6.26E+00	1.35E+02	2.46E+00	2.05E-01	-1.42E+02	1.11E+03	1.13E+00	2.89E-05	2.23E+06	2.23E+06
babeequi	O_AI	8555	6.95E-01	1.90E+01	1.51E+01	8.80E+00	-1.31E+01	7.00E+01	2.68E+00	2.43E-01	2.79E+01	3.03E+02	9.80E-01	1.58E-03	6.53E+04	6.54E+04
babemicr	O_AI	1243	1.35E-01	2.29E+01	2.10E-01	7.51E-01	-1.18E+02	1.90E+02	5.21E+00	6.85E-01	-3.71E+01	3.65E+02	3.54E+00	1.27E-02	1.39E+04	1.40E+04
bactcucu	M_In	57117	4.28E-01	-3.53E+01	9.74E+01	1.41E+01	3.39E+01	1.01E+02	8.74E-01	3.04E-01	-3.68E+02	2.41E+03	1.01E+00	5.24E-05	8.00E+05	8.00E+05
bactdors	M_In	74386	5.00E-01	9.76E+00	5.26E+01	6.87E+00	2.56E+01	1.51E+02	8.72E-01	2.89E-01	-5.54E+02	2.93E+03	1.07E+00	7.29E-05	1.01E+06	1.01E+06
bactolea	M_In	54824	4.83E-01	2.32E+01	3.98E+01	4.64E+00	1.06E+01	1.74E+02	9.95E-01	2.54E-01	-2.69E+02	1.97E+03	1.06E+00	6.88E-05	7.61E+05	7.61E+05
balaacut	M_Mm	182835	2.26E-02	4.45E+01	4.04E+01	5.23E+00	5.94E+01	8.58E+01	8.57E-01	1.61E-01	-1.32E+02	1.35E+03	9.75E-01	1.59E-05	3.33E+06	3.33E+06
betavulg	P_Eu	112547	2.68E-01	3.50E+01	5.62E+01	3.79E+00	-6.75E+01	1.93E+02	2.67E+00	2.11E-01	-2.06E+02	9.28E+02	1.60E+00	4.74E-05	1.67E+06	1.67E+06
bigenata	O_Rh	167579	4.11E-02	1.34E+01	3.30E+01	9.67E-01	-1.93E+02	2.57E+02	2.23E+01	2.04E-01	-1.30E+02	2.84E+02	4.32E+00	1.54E-04	1.98E+06	1.98E+06
bisobiso	M_Mm	173347	2.15E-02	4.45E+01	4.08E+01	5.25E+00	5.34E+01	8.10E+01	1.04E+00	1.38E-01	-1.30E+02	1.36E+03	9.66E-01	1.62E-05	3.18E+06	3.18E+06
blassepec	O_St	21954	7.23E-01	7.00E+00	2.28E+01	2.97E+01	-1.91E+01	4.83E+01	1.26E+01	2.21E-01	-5.53E+02	6.12E+02	2.24E+01	3.53E-03	1.01E+05	1.01E+05
boleedul	F_Ba	74199	8.57E-01	1.52E+01	3.67E+01	7.90E+00	-8.74E+01	1.48E+02	4.62E+00	1.30E-01	7.35E+01	2.59E+02	8.22E-01	9.73E-04	5.57E+05	5.57E+05
bolbtterr	M_In	65280	4.55E-01	-9.19E+01	1.68E+02	1.40E+01	-1.44E+01	2.80E+02	1.20E+00	4.60E-01	6.35E+02	2.03E+03	7.34E-01	2.71E-05	8.95E+05	8.95E+05
bos_mutu	M_Mm	173155	9.56E-02	5.69E+01	3.86E+01	1.67E+00	-2.98E+02	5.75E+02	3.30E+00	1.51E-01	-3.23E+02	1.78E+03	1.17E+00	1.74E-05	3.12E+06	3.12E+06
bos_taur	M_Mm	200675	1.94E-02	4.55E+01	4.04E+01	5.83E+00	5.90E+01	8.02E+01	1.60E-01	1.58E-01	-1.27E+02	1.35E+03	9.48E-01	1.44E-05	3.68E+06	3.68E+06
botricne	F_As	26333	5.29E-02	-5.77E+01	1.00E+02	1.03E+01	4.08E+01	1.38E+01	8.64E+00	5.64E-01	-2.41E+02	4.05E+02	4.41E+00	4.26E-04	2.82E+05	2.83E+05
bracdist	P_Mo	128580	4.57E-01	3.06E+01	5.90E+01	3.66E+00	-6.57E+01	2.27E+02	1.77E+00	2.51E-01	-4.56E+02	9.98E+02	2.80E+00	5.50E-05	1.68E+06	1.68E+06
bracstac	P_Mo	120667	4.50E-01	3.17E+01	5.82E+01	3.61E+00	-7.11E+01	2.22E+02	1.87E+00	2.53E-01	-4.56E+02	1.00E+03	2.82E+00	5.58E-05	1.58E+06	1.58E+06
brasnapu	P_Eu	389377	6.31E-01	-1.68E+01	9.89E+01	8.30E+00	-9.24E+00	2.73E+02	2.37E+00	3.57E-01	6.60E+02	2.05E+03	1.29E+00	6.95E-05	4.30E+06	4.30E+06
brasoler	P_Eu	200096	6.33E-01	-3.06E+01	1.13E+02	9.28E+00	-1.26E+02	3.14E+02	2.66E+00	3.55E-01	7.17E+02	2.06E+03	1.35E+00	1.11E-04	2.22E+06	2.22E+06
brugpaha	M_Ne	61492	8.93E-03	-2.95E+02	3.25E+02	2.94E+01	-7.69E+01	1.72E+02	6.02E+00	2.24E-01	-1.50E+02	3.74E+02	3.29E+00	1.06E-04	7.91E+05	7.92E+05
brughtimo	M_Ne	60134	1.12E-02	-3.71E+02	4.06E+02	3.00E+01	-3.91E+01	1.41E+02	3.96E+00	3.31E-01	-1.31E+02	3.71E+02	3.47E+00	1.13E-04	7.66E+05	7.66E+05
bubabuba	M_Mm	198444	8.23E-02	5.26E+01	3.95E+01	2.16E+00	-3.94E+01	3.55E+02	1.38E+00	2.56E-01	-1.58E+02	1.85E+03	1.05E+00	1.46E-05	3.61E+06	3.61E+06
bursxylo	M_Ne	70281	3.53E-01	1.83E+01	1.84E+01	4.70E+00	5.48E+01	1.87E+01	9.14E-01	3.66E-01	-2.30E+02	5.64E+02	2.44E+00	1.50E-04	8.23E+05	8.23E+05
bysscirc	F_As	30227	6.29E-01	3.28E+01	1.80E+01	3.79E+00	-3.04E+01	1.06E+02	2.77E+00	3.56E-01	9.61E+01	3.02E+02	1.17E+00	3.02E-04	2.72E+05	2.72E+05
caenbren	M_Ne	127822	5.36E-01	-7.05E+00	5.31E+01	1.69E+01	-7.03E+00	1.34E+02	1.32E+00	3.68E-01	2.01E+02	3.61E+02	1.47E+00	2.03E-04	1.36E+06	1.36E+06
caenbrig	M_Ne	183393	3.70E-01	1.63E+01	2											

condcris	M_Mm	169482	7.98E-02	4.58E+01	4.22E+01	2.58E+00	-3.43E+01	3.63E+02	1.30E+00	3.25E-01	-1.57E+02	1.85E+03	1.14E+00	1.75E-05	3.02E+06	3.02E+06
conithro	F_En	27154	8.92E-01	2.61E+01	2.36E+01	4.20E+00	-5.49E+01	1.16E+02	3.79E+00	1.02E-01	5.89E+01	4.08E+02	1.50E+00	3.15E-04	2.06E+05	2.06E+05
cordmili	F_As	18852	5.87E-01	2.79E+01	2.78E+01	3.41E+00	-1.77E+02	2.38E+02	8.09E+00	3.03E-01	-9.00E+01	3.78E+02	2.98E+00	4.80E-04	1.87E+05	1.87E+05
crigris	M_Mm	171869	1.05E-01	5.60E+01	3.67E+01	1.76E+00	-4.54E+02	7.05E+02	5.10E+00	1.44E-01	-1.99E+02	1.67E+03	1.21E+00	1.36E-05	3.07E+06	3.07E+06
cucucano	M_Av	136426	9.72E-02	5.86E+01	3.68E+01	1.39E+00	5.82E+00	1.73E+02	1.00E+00	2.89E-02	-9.89E+01	9.10E+02	1.17E+00	2.35E-05	2.34E+06	2.34E+06
cucumelo	P_Eu	110558	3.79E-01	1.80E+01	7.34E+01	4.43E+00	-2.12E+01	3.33E+02	1.24E+00	5.33E-01	-4.00E+02	1.08E+03	4.43E+00	6.67E-01	1.53E+06	1.53E+06
cucusati	P_Eu	93576	3.67E-01	3.61E+01	5.47E+01	3.46E+00	-7.18E+01	3.00E+02	1.56E+00	4.78E-01	-5.15E+02	1.15E+03	3.98E+00	6.11E-05	1.26E+06	1.26E+06
culsequin	M_In	100107	3.99E-01	-8.44E+01	1.44E+02	2.95E+01	-1.15E+01	1.43E+02	1.07E+00	3.55E-01	-1.77E+02	2.31E+03	1.27E+00	6.15E-05	1.38E+06	1.38E+06
cybejadi	F_As	2090	2.47E-01	1.67E+01	1.73E+01	7.46E-01	-1.84E+02	2.44E+02	2.90E+01	4.86E-01	-1.31E+02	2.67E+02	2.81E+00	1.61E-03	2.26E+04	2.27E+04
cyloglid	M_Ne	41333	5.45E-01	1.74E+01	3.37E+01	7.00E+00	-2.69E+02	3.37E+02	1.03E+01	2.53E-01	-1.08E+02	3.48E+02	2.52E+00	4.11E-04	4.17E+05	4.17E+05
cynosemi	M_Fs	209341	2.90E-01	2.13E+00	8.54E+01	6.83E+00	3.54E+01	1.64E+02	1.13E+00	3.16E-01	-1.14E+02	7.10E+02	1.24E+00	2.75E-05	3.04E+06	3.05E+06
cyprvari	M_Fs	221553	2.69E-01	-1.16E+02	1.98E+02	1.88E+01	-2.25E+01	1.75E+02	2.57E+00	1.95E-01	-3.90E+02	1.69E+03	1.38E+00	2.47E-05	3.50E+06	3.50E+06
cytafeli	O_AI	16723	5.71E-01	-4.42E+00	4.22E+01	1.17E+01	-2.78E+01	9.70E+01	2.19E+00	2.84E-01	-2.11E+03	2.46E+03	3.00E+01	6.85E-04	1.62E+05	1.62E+05
danireri	M_Fs	246579	1.76E-01	-1.15E+02	2.00E+02	1.90E+01	-2.72E+01	1.72E+02	2.89E+00	1.47E-01	-3.76E+02	1.70E+03	1.31E+00	2.52E-05	4.16E+06	4.16E+06
dauccaro	P_Eu	126736	3.90E-01	2.04E+01	6.81E+01	4.57E+00	-7.53E+01	2.91E+02	2.03E+00	3.65E-01	-4.63E+02	1.19E+03	2.97E+00	5.84E-05	1.71E+06	1.71E+06
dendpndo	M_In	101883	4.96E-01	-7.83E+01	1.33E+02	3.00E+01	-6.30E+00	1.83E+02	9.61E-01	4.31E-01	6.23E+02	1.53E+03	1.55E+00	1.42E-04	1.24E+06	1.24E+06
dichsqua	F_Ba	71800	8.43E-01	2.18E+01	3.40E+01	5.57E+00	-1.81E+01	1.11E+02	1.69E+00	1.55E-01	3.14E+02	2.29E+03	6.19E-01	2.34E-04	5.98E+05	5.99E+05
dictdisc	O_Am	15508	6.93E-01	2.55E+01	6.75E+01	3.31E+00	-1.89E+01	1.25E+02	1.49E+00	3.07E-01	6.12E+02	1.99E+03	1.99E+01	3.36E-04	1.69E+05	1.69E+05
dioscryo	F_Ba	58221	4.98E-01	-2.21E+00	4.26E+01	2.57E+00	1.51E+01	3.08E+01	9.42E+00	4.90E-01	1.73E+02	2.60E+02	4.00E-01	1.65E-03	4.85E+05	4.85E+05
dioscryo	M_PI	31594	1.59E-01	-5.04E+01	8.54E+01	2.12E+01	-2.47E+01	1.49E+02	1.68E+00	3.53E-01	-2.42E+03	3.66E+03	4.48E+00	1.64E-04	4.81E+05	4.81E+05
dipoordi	M_Mm	175843	1.12E-01	5.56E+01	3.93E+01	1.69E+00	-4.52E+02	7.06E+02	4.88E+00	1.36E-01	-1.99E+02	1.67E+03	1.19E+00	1.80E-05	3.15E+06	3.15E+06
diurnoxi	M_In	57271	5.44E-01	4.01E+01	2.90E+01	2.18E+00	-4.91E+01	5.60E+02	1.07E+00	3.95E-01	-7.03E+01	2.39E+03	1.09E+00	5.90E-05	7.92E+05	7.92E+05
dtohssept	F_As	18703	6.30E-01	2.23E+01	3.03E+01	6.52E+00	-9.24E+01	1.72E+02	3.85E+00	3.45E-01	-2.63E+02	6.27E+02	2.04E+00	3.29E-04	1.70E+05	1.70E+05
drosanan	M_In	99207	5.55E-01	-9.34E+01	1.51E+02	3.00E+01	4.19E+00	1.98E+02	9.42E-01	3.33E-01	1.50E+02	1.99E+03	1.06E+00	1.02E-04	1.20E+06	1.20E+06
droserec	M_In	94215	5.22E-01	-1.55E+01	7.43E+01	1.30E+01	7.28E+00	2.06E+02	9.47E-01	3.98E-01	-1.30E+03	4.00E+03	1.76E+00	1.18E-04	1.17E+06	1.17E+06
drosgrim	M_In	85931	5.52E-01	1.94E+01	4.31E+01	5.75E+00	-1.89E+01	3.09E+02	9.63E-01	4.27E-01	6.17E+02	2.17E+03	1.38E+00	1.24E-04	1.07E+06	1.07E+06
drosmela	M_In	117705	4.44E-01	-1.13E+02	1.72E+02	3.00E+01	2.59E+01	1.59E+02	8.64E-01	3.73E-01	-4.05E+02	2.23E+03	1.21E+00	7.76E-05	1.58E+06	1.58E+06
drosmira	M_In	23664	6.86E-01	-1.15E+01	7.28E+01	1.07E+01	-1.23E+01	3.15E+02	9.85E-01	2.44E-01	-2.86E+02	3.10E+03	1.38E+00	1.57E-04	2.68E+05	2.68E+05
drosmoja	M_In	95526	5.53E-01	2.32E+01	3.79E+01	5.63E+00	-2.97E+01	1.58E+02	1.86E+00	1.54E-01	-1.18E+02	1.08E+03	1.04E+00	8.92E-05	1.21E+06	1.21E+06
drosopers	M_In	79700	6.17E-01	-2.61E+01	8.72E+01	1.30E+01	-8.55E+00	2.11E+02	8.93E-01	3.12E-01	-1.21E+03	3.47E+03	1.82E+00	1.15E-04	9.29E+05	9.29E+05
drospehu	M_In	98282	6.20E-01	4.39E+00	5.68E+01	8.04E+00	-1.11E+01	3.22E+02	8.71E-01	3.22E-01	8.52E+02	2.06E+03	1.08E+00	1.04E-04	1.19E+06	1.19E+06
drossech	M_In	87774	5.34E-01	-2.28E+01	8.17E+01	1.48E+01	-5.04E+00	2.07E+02	9.17E-01	4.28E-01	7.66E+02	2.11E+03	1.29E+00	1.41E-04	1.05E+06	1.05E+06
drossimu	M_In	84614	5.39E-01	-2.81E+01	8.70E+01	1.58E+01	-6.85E+00	2.12E+02	9.70E-01	4.15E-01	6.57E+02	1.96E+03	1.26E+00	1.39E-04	1.01E+06	1.01E+06
drosviri	M_In	98524	5.31E-01	-8.96E+00	6.91E+01	1.14E+01	-4.12E+01	1.40E+02	2.72E+00	1.16E-01	-5.80E+01	7.59E+02	9.38E-01	8.14E-05	1.25E+06	1.25E+06
droswill	M_In	90625	6.06E-01	-1.05E+01	7.24E+01	1.11E+01	-6.83E-01	2.17E+02	9.15E-01	2.93E-01	-1.03E+03	3.45E+03	1.64E+00	1.25E-04	1.08E+06	1.08E+06
drosyaku	M_In	97670	5.13E-01	-1.06E+02	1.65E+02	2.92E+01	7.88E+00	1.82E+02	9.96E-01	3.75E-01	-4.29E+01	2.09E+03	1.15E+00	8.83E-05	1.22E+06	1.22E+06
echicana	M_PI	54468	1.40E-01	8.01E+00	2.68E+01	5.38E+00	-1.24E+02	1.97E+02	2.88E+01	1.62E-01	-1.02E+02	4.47E+02	1.31E+00	8.61E-05	7.84E+05	7.84E+05
echicapr	M_PI	20223	1.45E-01	5.33E+00	3.37E+01	6.10E+00	-8.86E+00	1.25E+02	1.92E+00	3.11E-01	-2.16E+03	3.65E+03	3.27E+00	1.43E-04	3.24E+05	3.24E+05
echigran	M_PI	57300	1.40E-01	1.20E+01	2.32E+01	4.46E+00	-1.24E+02	1.97E+02	2.04E+01	1.76E-01	-7.99E+01	4.20E+02	1.29E+00	8.67E-05	8.17E+05	8.18E+05
echimult	M_PI	60158	1.44E-01	1.53E+01	1.98E+01	3.77E+00	-1.32E+02	2.05E+02	3.00E+01	1.78E-01	-7.25E+01	4.10E+02	1.29E+00	8.87E-05	8.55E+05	8.55E+05
echitelf	M_Mm	155701	1.08E-01	6.07E+01	3.26E+01	1.57E+00	-4.62E+01	3.46E+02	1.37E+00	2.24E-01	-1.60E+02	1.86E+03	1.05E+00	1.80E-05	2.82E+06	2.82E+06
eimemiti	O_AI	18315	1.06E-02	-9.83E+00	6.33E+01	1.48E+01	-1.09E+02	2.18E+02	1.32E+01	5.66E-02	-7.80E+01	2.89E+02	2.24E+00	2.24E-04	2.44E+05	2.44E+05
eimeprae	O_AI	18567	8.53E-03	-9.63E+00	6.35E+01	1.50E+01	-1.04E+02	2.24E+02	9.65E+00	1.17E-01	-7.63E+01	2.89E+02	2.30E+00	2.07E-04	2.44E+05	2.44E+05
elaielap	M_Ne	56057	1.23E-02	-4.98E+01	8.20E+01	6.38E+00	-1.09E+02	2.05E+02	1.39E+00	2.15E-01	-1.05E+02	3.74E+02	3.19E+00	1.07E-04	7.29E+05	7.29E+05
entamosh	O_Am	4161	7.06E-01	-4.25E+01	8.76E+01	1.77E+01	5.90E+00	8.41E+01	1.99E+02	2.47E-01	1.09E+01	3.11E+02	3.00E+01	2.07E-03	3.67E+04	3.68E+04
enteverm	M_Ne	63726	1.21E-01	-1.17E+02	1.89E+02	1.83E+01	-5.69E+01	1.73E+02	5.43E+00	2.46E-01	-8.19E+01	2.56E+02	1.90E+00	1.06E-04	8.11E+05	8.11E+05
eperalc	O_Op	42543	3.84E-02	3.16E+01	2.48E+01	5.43E+00	-1.48E+01	1.45E+02	2.19E+00	7.58E-01	-1.62E+02	3.32E+02	4.09E+00	1.43E-04	5.19E+05	5.19E+05
epetfusc	M_Mm	164886	1.09E-01	5.68E+01	3.76E+01	1.57E+00	-4.47E+02	7.10E+02	4.72E+00	1.57E-01	-1.99E+02	1.67E+03	1.18E+00	1.87E-05	2.94E+06	2.94E+06
equuasin	M_Mm	203595	9.80E-02	5.99E+01	3.75E+01	1.42E+00	-2.94E+02	5.79E+02	3.69E+00	1.28E-01	-3.08E+02	1.79E+03	1.15E+00	1.50E-05	3.70E+06	3.70E+06
equucaba	M_Mm	193596	1.02E-01	5.91E+01	3.92E+01	1.44E+00	-2.86E+02	5.85E+02	3.66E+00	1.44E-01	-2.85E+02	1.79E+03	1.14E+00	1.60E-05	3.51E+06	3.51E+06
equuprze	M_Mm	186220	9.16E-02	6.17E+01	3.57E+01	1.36E+00	-2.97E+02	5.77E+02	3.51E+00	1.33E-01	-3.28E+02	1.78E+03	1.18E+00	1.60E-05	3.37E+06	3.37E+06
erineuro	M_Mm	168610	8.94E-02	-2.49E+02	3.36E+02	2.52E+01	1.97E+01	1.56E+02	2.29E+00	9.08E-02	-2.66E+02	1.63E+03	1.09E+00	1.83E-05	3.07E+06	3.07E+06
esoxicli	M_Fs	239939	3.07E-01	5.15E+01	5.97E+01	1.68E+00	2.56E+01	2.03E+02	2.18E+00	1.67E-01	-1.13E+02	9.66E+02	1.10E+00	1.73E-05	3.80E+06	3.80E+06
exacgran	P_Eu	136452	2.74E-01	-2.80E+02	3.72E+02	2.52E+01	-5.28E+01	2.10E+02	1.74E+00	4.56E-01	-5.71E+02	1.14E+03	3.70E+00	1.03E-04	1.85E+06	1.85E+06
faschepa	M_PI	32508	2.47E-01	1.71E+01	1.96E+01	3.43E+00	-7.12E+01	7.59E+02	8.32E-01	5.70E-01	-1.93E+03	3.58E+03	3.41E+00	1.02E-04	5.33E+05	5.33E+05
felicatu	M_Mm	191806	1.04E-01	6.11E+01	3.68E+01	1.41E+00	-2.97E+02	5.76E+02	3.57E+00	1.29E-01	-3.14E+02	1.79E+03	1.14E+00	1.61E-05	3.48E+06	3.48E+06
ficealbi	M_Av	150343	9.23E-02	5.95E+01	3.43E+01	1.42E+00	5.52E+00	1.73E+02	9.89E-01	4.53E-02	-9.77E+01	9.08E+02	1.12E+00	2.14E-05	2.59E+06	2.59E+06
fukodama	M_Mm	206795	8.80E-02	5.22E+01	3.69E+01	2.05E+00	-4.03E+01	3.54E+02	1.37E+00	2.46E-01	-1.58E+02	1.85E+03	1.06E+00	1.43E-05	3.75E+06	3.75E+06
fundhete	M_Fs	207482	2.51E-01	-1.15E+02	2.00E+02	1.71E+01	-2.35E+01	1.76E+02	2.45E+00	1.99E-01						

jatrcurc	P_Eu	109157	3.15E-01	-2.96E+02	3.84E+02	3.00E+01	-1.31E+02	2.69E+02	5.32E+00	2.23E-01	-3.17E+02	7.90E+02	2.38E+00	5.43E-05	1.47E+06	1.47E+06
kalalaxi	P_Eu	136979	4.66E-01	2.11E+01	6.64E+01	4.65E+00	-6.79E+01	2.65E+02	1.83E+00	4.64E-01	-3.44E+02	8.89E+02	4.17E+00	6.10E-05	1.69E+06	1.69E+06
kalamarn	P_Eu	234492	4.85E-01	2.67E+01	6.08E+01	4.25E+00	-8.44E+01	2.77E+02	2.04E+00	4.45E-01	-3.38E+02	8.94E+02	4.39E+00	6.66E-05	2.86E+06	2.86E+06
laccamet	F_Ba	147822	8.14E-01	-2.27E+01	7.53E+01	1.50E+01	-9.23E+00	8.71E+01	1.71E+00	1.83E-01	2.95E+02	2.16E+03	5.40E+00	1.18E-04	1.19E+06	1.19E+06
larricoc	M_Fs	212484	1.89E-01	1.05E+01	7.76E+01	7.42E+00	4.52E+01	9.27E+01	1.28E+00	3.58E-01	-1.87E+02	9.49E+02	1.30E+00	2.66E-05	3.16E+06	3.16E+06
lepesalm	M_Ar	44584	4.56E-01	-1.38E+02	1.98E+02	2.75E+01	-1.76E+01	1.95E+02	1.08E+00	3.22E-01	-3.16E+02	2.40E+03	1.05E+00	6.86E-05	6.15E+05	6.15E+05
leptdece	M_In	2493	1.26E-01	-8.03E+00	6.25E+01	1.60E+01	1.55E+01	1.21E+02	1.05E+00	2.43E-01	-6.16E+02	3.11E+03	1.22E+00	6.43E-04	4.45E+04	4.46E+04
leptmacu	F_As	22371	4.78E-02	3.83E+01	4.19E+00	1.21E+00	4.02E+01	1.35E+01	1.62E+00	6.85E-01	-1.27E+02	2.61E+02	3.98E+00	6.13E-04	2.20E+05	2.20E+05
leptwedd	M_Mm	159567	7.96E-02	5.19E+01	3.89E+01	2.50E+00	-3.81E+01	3.58E+02	1.29E+00	3.18E-01	-1.57E+02	1.85E+03	1.07E+00	1.76E-05	2.86E+06	2.86E+06
leucgong	F_Ba	24591	8.22E-01	-2.11E+01	7.27E+01	1.72E+01	2.17E+01	4.03E+01	1.49E+00	1.55E-01	2.90E+01	3.04E+02	2.60E+00	4.82E-04	1.84E+05	1.85E+05
linehumi	M_In	82775	2.75E-01	-1.70E+02	2.47E+02	2.14E+00	-2.67E+00	2.01E+02	1.29E+00	5.89E-01	-3.36E+02	2.87E+02	3.41E+00	5.53E-05	1.20E+06	1.20E+06
lipovexi	M_Mm	165883	1.03E-01	6.14E+01	3.43E+01	1.42E+00	-2.97E+02	5.76E+02	3.43E+00	1.34E-01	-3.28E+02	1.78E+03	1.15E+00	1.74E-05	3.00E+06	3.00E+06
loa_loa	M_Ne	164141	2.62E-02	9.81E+00	6.32E+01	9.38E-01	-1.89E+02	2.85E+02	1.08E+01	2.14E-01	-1.00E+02	3.39E+02	2.95E+00	7.88E-05	2.14E+06	2.14E+06
lucicupr	M_In	53515	3.84E-01	-1.23E+02	1.85E+02	3.00E+01	-1.11E+01	1.46E+02	1.19E+00	2.95E-01	-3.53E+02	2.43E+03	1.19E+00	5.97E-05	7.74E+05	7.74E+05
lutzloug	M_In	1842	4.89E-01	3.66E+01	3.10E+01	3.70E+00	-1.32E+01	2.13E+02	1.15E+00	3.15E-01	-2.26E+03	3.69E+03	3.39E+00	8.10E-04	2.42E+04	2.43E+04
malaglob	F_Ba	2010	8.90E-01	-1.10E+01	5.25E+01	3.58E+00	1.57E+00	1.43E+02	3.48E+00	7.35E-02	-5.27E+01	3.10E+02	1.03E+01	1.55E-03	1.94E+04	1.95E+04
maludome	P_Eu	109326	7.50E-02	2.13E+01	3.49E+01	1.00E+00	3.58E+01	6.04E+01	2.94E+00	3.50E-01	-1.10E+02	3.94E+02	1.77E+00	5.89E-05	1.47E+06	1.47E+06
maniescu	P_Eu	133923	4.20E-01	3.67E+01	5.41E+01	3.30E+00	-8.00E+01	3.18E+02	1.65E+00	4.06E-01	-4.86E+02	1.15E+03	2.86E+00	5.23E-05	1.79E+06	1.79E+06
narmmarn	M_Mm	179059	1.03E-01	5.48E+01	3.85E+01	1.74E+00	-4.52E+02	7.06E+02	5.04E+00	1.54E-01	-2.01E+02	1.67E+03	1.17E+00	1.75E-05	3.20E+06	3.20E+06
linehumi	F_As	24650	4.35E-01	3.34E+01	1.77E+01	3.57E+00	-3.02E+02	3.77E+02	1.17E+01	4.19E-01	-2.25E+02	4.55E+02	3.41E+00	3.77E-04	5.52E+05	5.52E+05
martpter	F_Mu	5694	2.28E-01	-1.31E+01	7.52E+01	1.67E+00	-7.44E+01	1.89E+02	8.67E+00	3.47E-01	-2.34E+02	5.15E+02	2.71E+00	7.09E-04	7.33E+04	7.34E+04
maytzebr	M_Fs	246898	1.77E-01	-4.40E+01	1.32E+02	1.17E+01	4.84E+01	1.07E+02	1.12E+00	3.65E-01	-1.54E+02	1.09E+03	1.19E+00	2.02E-05	3.83E+06	3.83E+06
mediturn	P_Eu	157294	2.41E-01	-2.81E+02	3.71E+02	3.00E+01	-4.51E+01	1.87E+02	1.90E+00	4.43E-01	-5.69E+02	1.14E+03	3.25E+00	6.87E-05	2.14E+06	2.14E+06
megascal	M_In	15263	2.72E-01	-7.51E+01	1.30E+02	2.61E+01	-5.03E+00	1.13E+02	1.05E+00	5.20E-01	-8.43E+02	2.90E+03	3.48E+00	3.10E-04	2.11E+05	2.11E+05
melicinc	M_In	86014	6.78E-02	1.39E+01	6.48E+01	7.82E+00	-8.81E+01	4.26E+02	1.15E+00	7.64E-01	-2.98E+03	4.36E+03	4.85E+00	4.93E-05	1.39E+06	1.39E+06
melivari	F_As	46561	6.95E-01	2.95E+01	2.10E+01	4.44E+00	-5.00E+01	1.28E+02	3.32E+00	2.94E-01	1.49E+02	2.79E+02	1.24E+00	2.68E-04	4.01E+05	4.01E+05
meloflor	M_Ne	165888	3.41E-01	-2.18E+01	7.84E+01	2.20E+00	-7.33E+01	1.17E+02	3.00E+01	2.89E-01	-9.54E+01	3.26E+02	2.87E+00	1.86E-04	1.92E+06	1.92E+06
melohapl	M_Ne	72587	5.14E-01	-7.86E+01	1.22E+02	3.00E+01	-6.01E+01	1.45E+02	3.22E+00	2.23E-01	-1.14E+02	3.59E+02	2.88E+00	3.57E-04	7.59E+05	7.59E+05
meloincp	M_Ne	103631	4.88E-01	3.39E+01	1.01E+01	2.68E+00	3.42E+00	1.55E+02	1.48E+00	3.03E-01	1.43E+00	3.35E+02	3.10E+00	3.48E-04	1.16E+06	1.16E+06
mesoaura	M_Mm	173296	9.20E-02	5.31E+01	3.60E+01	2.19E+00	-3.79E+01	3.57E+02	1.38E+00	2.61E-01	-1.57E+02	1.85E+03	1.11E+00	1.71E-05	3.12E+06	3.12E+06
mesocort	M_Pi	27969	1.31E-01	-7.40E+01	1.08E+02	3.00E+01	-3.44E+01	1.07E+02	1.40E+01	1.56E-01	-2.09E+02	5.53E+02	1.89E+00	1.30E-04	6.93E+05	6.93E+05
metaocci	M_Ar	54205	6.80E-01	1.91E+01	8.68E+01	3.35E+00	-2.95E+01	2.94E+02	1.20E+00	2.25E-01	-1.40E+02	1.13E+03	1.22E+00	1.11E-04	3.88E+05	3.88E+05
microchr	M_Mm	183962	1.10E-01	5.54E+01	3.68E+01	1.77E+00	-4.53E+02	7.05E+02	5.32E+00	1.32E-01	-1.99E+02	1.67E+03	1.17E+00	1.74E-05	3.30E+06	3.30E+06
micrpusi	P_Ch	9489	5.31E-01	-3.86E+01	1.39E+02	2.12E+00	-5.79E+02	7.35E+02	2.16E+01	3.63E-01	-3.34E+01	2.20E+02	3.00E+01	1.27E-03	1.10E+05	1.10E+05
micropes	F_Ba	3615	6.23E-01	-1.92E+02	2.98E+02	5.74E+00	2.29E+01	1.61E+02	1.26E+01	2.65E-01	1.21E+02	1.34E+02	6.83E-01	2.92E-03	4.26E+04	4.27E+04
mnemleid	M_Ct	74248	6.63E-01	2.83E+01	1.46E+02	2.07E+00	-5.29E+02	1.11E+03	2.63E+00	1.91E-01	-1.21E+03	2.90E+03	2.17E+00	4.93E-05	1.08E+06	1.08E+06
monobrev	O_Op	121016	7.39E-01	-1.05E+02	2.04E+02	9.36E+00	-5.65E+01	1.87E+02	1.81E+00	2.61E-01	-3.26E+02	9.63E+02	2.89E+00	1.52E-04	1.31E+06	1.31E+06
monophar	M_In	73081	2.67E-01	-5.62E+01	1.35E+02	1.06E+01	-3.43E+01	2.10E+02	1.96E+00	3.24E-01	-3.10E+01	7.45E+02	9.24E-01	5.95E-05	1.09E+06	1.09E+06
motelon	F_Mu	39074	6.55E-01	4.55E+01	5.88E+01	3.75E+00	-9.15E+01	2.57E+02	2.15E+00	3.33E-01	-7.49E+01	1.02E+03	3.48E+00	1.43E-04	4.35E+05	4.35E+05
morunota	P_Eu	96193	3.61E-01	2.75E+01	6.98E+01	3.53E+00	-1.14E+02	4.08E+02	1.82E+00	6.03E-01	-1.88E+02	9.04E+02	4.27E+00	5.82E-05	1.31E+06	1.31E+06
nusaacur	P_Mo	10167	3.02E-01	-1.90E+02	2.73E+02	2.39E+01	-1.24E+01	1.46E+02	2.71E+00	2.14E-01	-6.17E+02	1.38E+03	2.40E+00	1.83E-04	1.45E+05	1.45E+05
nusadome	M_In	77049	4.61E-01	-3.32E+01	9.52E+01	1.54E+01	-2.60E+01	1.74E+02	1.59E+00	1.96E-01	-5.85E+02	3.38E+03	1.18E+00	6.12E-05	1.10E+06	1.10E+06
mycofiji	F_As	17741	3.02E-01	-3.93E+01	6.92E+01	9.77E+00	-8.17E+01	1.35E+02	2.85E+01	4.20E-01	3.62E+01	5.17E+01	1.15E+00	6.53E-04	1.71E+05	1.71E+05
myotbran	M_Mm	184417	9.83E-02	6.09E+01	3.68E+01	1.35E+00	-2.97E+02	5.76E+02	3.51E+00	1.25E-01	-3.19E+02	1.78E+03	1.17E+00	1.61E-05	3.34E+06	3.34E+06
myotdavi	M_Mm	164515	9.59E-02	5.97E+01	3.67E+01	1.44E+00	-2.98E+02	5.75E+02	3.44E+00	1.33E-01	-3.24E+02	1.78E+03	1.20E+00	1.78E-05	2.97E+06	2.97E+06
myotluci	M_Mm	189453	5.10E-02	-2.50E+02	3.36E+02	3.00E+01	2.06E+01	1.56E+02	1.51E+00	1.40E-01	-2.66E+02	1.63E+03	1.12E+00	1.69E-05	3.43E+06	3.43E+06
naeggubr	O_He	10906	4.13E-01	-1.89E+01	6.29E+01	1.43E+01	-5.25E+01	1.25E+02	3.22E+00	4.85E-01	-8.37E+01	5.03E+02	1.43E+00	3.65E-04	1.15E+05	1.15E+05
nanngadi	O_St	16410	5.28E-02	3.91E+01	8.33E+00	9.41E-01	-4.02E+02	4.99E+02	1.73E+01	3.77E-01	-3.37E+01	2.14E+02	3.79E+00	3.34E-04	1.91E+05	1.91E+05
necaamer	M_Ne	205935	5.38E-01	4.26E+01	2.14E+01	1.38E+00	-6.64E+02	9.94E+02	4.10E+00	2.88E-01	-1.61E+03	3.06E+03	3.17E+00	9.37E-05	2.78E+06	2.78E+06
nelunici	P_Eu	137714	4.60E-01	4.62E+01	5.51E+01	2.00E+00	-1.83E+02	8.86E+02	1.35E+00	4.36E-01	-2.01E+04	2.73E+04	5.17E+00	2.66E-05	2.15E+06	2.15E+06
neoldeco	M_In	70165	1.31E-01	-3.22E+01	1.16E+02	1.16E+01	4.41E+01	7.40E+01	1.02E+00	6.18E-01	-1.59E+02	9.50E+02	1.14E+00	5.42E-05	9.91E+05	9.91E+05
neolbric	M_Fs	203845	1.72E-01	-2.41E+02	3.29E+02	3.00E+01	4.68E+01	9.91E+01	1.20E+00	3.55E-01	-2.03E+02	1.12E+03	1.24E+00	2.39E-05	3.14E+06	3.14E+06
nicyolv	P_Eu	158131	2.97E-01	2.64E+01	6.32E+01	4.16E+00	-6.01E+01	2.13E+02	2.32E+00	2.24E-01	-2.07E+02	9.09E+02	1.71E+00	3.53E-05	2.30E+06	2.30E+06
nicoteme	P_Eu	150979	3.15E-01	3.03E+01	5.99E+01	3.74E+00	-3.52E+01	2.11E+02	1.77E+00	2.54E-01	-1.81E+02	8.99E+02	1.72E+00	3.36E-05	2.19E+06	2.19E+06
nippbras	M_Ne	88763	4.61E-01	4.45E+01	1.74E+01	1.43E+00	-4.96E+01	1.82E+02	1.93E+00	2.19E-01	-1.82E+02	8.51E+02	2.23E+00	1.17E-04	1.17E+06	1.17E+06
nothfuz	M_Fs	198802	2.78E-01	-1.93E+02	2.71E+02	3.00E+01	4.09E+01	9.30E+01	1.69E+00	2.44E-01	-1.28E+02	1.16E+03	1.04E+00	2.36E-05	3.03E+06	3.03E+06
notocori	M_Fs	171348	2.98E-01	5.39E+01	4.87E+01	1.65E+00	6.77E+01	1.90E+01	2.84E+00	4.72E-02	-9.33E+01	6.52E+02	1.92E+00	6.52E-05	2.61E+06	2.61E+06
ochoprin	M_Mm	167442	1.11E-01	5.20E+01	3.93E+01	2.20E+00	-3.83E+01	3.58E+02	1.31E+00	2.96E-01	-1.57E+02	1.85E+03	1.08E+00	1.77E-05	2.98E+06	2.98E+06
octodegu	M_Mm	167970	1													

phytkern	O_St	26104	1.25E-01	2.16E+01	2.38E+01	1.29E+00	-1.08E+02	1.83E+02	1.71E+01	3.94E-01	-2.02E+02	4.19E+02	3.15E+00	4.25E-04	3.13E+05	3.13E+05
phytlate	O_St	22866	1.20E-01	2.25E+01	2.04E+01	1.30E+00	-1.36E+02	2.04E+02	2.34E+01	4.51E-01	-1.22E+02	3.17E+02	2.63E+00	2.91E-04	2.62E+05	2.62E+05
phytramo	O_St	23888	2.28E-01	1.28E+01	2.71E+01	1.06E+00	-1.44E+02	2.12E+02	2.56E+01	5.25E-01	-1.21E+02	2.59E+02	3.11E+00	4.61E-04	2.50E+05	2.50E+05
phytolaj	O_St	33003	2.94E-01	1.10E+01	2.86E+01	1.18E+00	-1.42E+02	2.15E+02	2.49E+01	4.21E-01	-1.26E+02	2.55E+02	3.35E+00	4.82E-04	3.55E+05	3.55E+05
pilocroc	F_Ba	172390	8.05E-01	2.36E+00	5.26E+01	8.81E+00	-1.65E+01	1.04E+02	1.84E+00	1.93E-01	2.51E+02	2.23E+03	6.57E+00	1.11E-04	1.45E+06	1.45E+06
pirospec	F_Ne	28814	1.53E-01	1.11E+01	4.74E+01	1.13E+00	3.15E+01	7.87E+01	1.22E+00	7.58E-01	-2.48E+01	3.68E+02	1.40E+00	1.84E-04	3.41E+05	3.41E+05
plasmicr	F_Ba	118268	8.10E-01	2.93E+01	2.36E+01	3.91E+00	-6.51E+00	8.91E+01	1.61E+00	1.87E-01	2.94E+02	2.17E+03	4.22E+00	2.18E-04	1.01E+06	1.01E+06
piscycno	O_Al	17250	1.04E-01	1.10E+01	2.57E+01	1.54E+00	-1.45E+02	3.03E+02	3.37E+00	5.26E-01	-1.43E+02	3.02E+02	7.79E+00	4.87E-04	2.08E+05	2.08E+05
pliccric	F_Ba	76565	9.17E-01	-1.42E+01	6.89E+01	1.36E+01	-2.60E+01	1.07E+02	2.14E+00	8.22E-02	4.15E+02	2.12E+03	1.35E+00	3.91E-04	5.57E+05	5.57E+05
pneujiro	F_As	10940	1.77E-01	2.17E+01	2.03E+01	1.39E+00	2.96E+00	4.04E+01	1.31E+01	7.85E-01	-1.34E+02	2.86E+02	2.50E+00	8.24E-04	7.75E+04	7.76E+04
poecform	M_Fs	248914	2.47E-01	-9.38E+01	1.77E+02	1.55E+01	-3.06E+01	1.62E+02	3.38E+00	1.55E-01	-1.39E+02	9.03E+02	1.27E+00	2.12E-05	3.82E+06	3.82E+06
poecclati	M_Fs	246606	2.74E-01	-5.08E+01	1.35E+02	1.10E+01	4.40E+01	1.02E+02	2.36E+00	1.04E-01	-1.28E+02	8.64E+02	1.16E+00	2.01E-05	3.83E+06	3.83E+06
poecmexi	M_Fs	246300	2.75E-01	-5.09E+01	1.35E+02	1.10E+01	4.41E+01	1.03E+02	2.35E+00	1.04E-01	-1.31E+02	8.63E+02	1.17E+00	2.05E-05	3.86E+06	3.86E+06
poecreti	M_Fs	235996	1.64E-01	-2.97E+01	1.13E+02	1.11E+01	4.88E+01	6.38E+01	1.18E+00	2.74E-01	-1.49E+02	1.01E+03	1.23E+00	1.99E-05	3.67E+06	3.67E+06
pogobarb	M_In	69080	2.66E-01	-1.69E+02	2.48E+02	2.03E+01	3.05E+00	2.01E+02	1.22E+00	6.15E-01	-3.36E+02	2.87E+03	1.02E+00	5.81E-05	9.99E+05	1.00E+06
policana	M_In	70834	4.62E-01	-3.12E+02	3.92E+02	2.99E+01	1.19E+01	2.05E+02	1.07E+00	4.35E-01	-1.40E+02	2.70E+03	9.49E-01	6.70E-05	9.60E+05	9.60E+05
plodimi	M_In	73610	4.60E-01	-3.12E+02	3.92E+02	3.00E+01	1.34E+01	2.02E+02	1.05E+00	4.39E-01	-1.40E+02	2.70E+03	9.48E-01	7.27E-05	1.00E+06	1.00E+06
popueuph	P_Eu	162615	4.12E-01	2.64E+01	6.73E+01	3.72E+00	-1.15E+02	4.07E+02	1.80E+00	5.13E-01	-1.88E+02	9.03E+02	3.85E+00	4.81E-05	2.18E+06	2.18E+06
poputric	P_Eu	165571	3.48E-01	2.61E+01	6.63E+01	4.18E+00	-1.49E+02	3.09E+02	2.80E+00	3.91E-01	-2.05E+02	7.72E+02	2.66E+00	5.43E-05	2.19E+06	2.19E+06
priaserr	M_In	1636	7.03E-01	-4.84E+01	1.02E+02	3.00E+01	2.40E+01	7.69E+01	1.25E+00	2.79E-01	4.60E+02	1.93E+03	3.25E+00	1.17E-03	1.43E+04	1.44E+04
propcoqu	M_Mm	167484	8.92E-02	5.28E+01	3.86E+01	2.10E+00	-3.91E+01	3.57E+02	1.36E+00	2.73E-01	-1.57E+02	1.85E+03	1.03E+00	1.67E-05	3.03E+06	3.03E+06
protxeno	M_PI	30583	4.46E-02	1.00E+01	1.92E+01	8.01E+00	-1.93E+02	2.58E+02	9.22E+00	3.96E-01	-2.00E+02	6.14E+02	1.76E+00	2.14E-04	4.30E+05	4.30E+05
prunpers	P_Eu	111949	4.12E-01	3.05E+01	6.52E+01	3.52E+00	-1.38E+02	3.32E+02	4.44E+00	4.26E-01	-2.06E+02	7.70E+02	2.91E+00	6.87E-05	1.45E+06	1.45E+06
pseuelat	F_As	29219	5.78E-01	-2.98E+01	8.24E+01	1.65E+01	-5.82E+01	1.33E+02	1.21E+01	8.39E-02	-2.85E+01	1.65E+02	2.15E+00	2.45E-04	2.87E+05	2.88E+05
pseuhube	F_Ba	3466	3.94E-01	-1.65E+02	2.52E+02	2.04E+01	-1.21E+02	3.58E+02	2.80E+00	3.80E-01	-9.43E+02	1.68E+03	4.28E+00	1.77E-04	4.58E+04	4.59E+04
pteralac	M_Mm	179445	6.11E-02	-2.45E+01	1.12E+02	9.26E+00	1.97E+01	2.08E+02	1.31E+00	1.81E-01	-2.36E+02	1.53E+03	1.12E+00	4.60E-05	3.21E+06	3.21E+06
ptervamp	M_Mm	175255	6.15E-02	-2.41E+01	1.11E+02	9.27E+00	2.09E+01	2.08E+02	1.24E+00	1.96E-01	-2.25E+02	1.54E+03	1.10E+00	1.65E-05	3.14E+06	3.14E+06
pundnyr	M_Fs	232224	1.77E-01	-4.40E+01	1.32E+02	1.17E+01	4.89E+01	1.08E+02	1.10E+00	3.69E-01	-1.55E+02	1.09E+03	1.21E+00	2.13E-05	3.59E+06	3.59E+06
pyncynn	F_Ba	50288	7.64E-01	-3.96E+01	9.39E+01	2.03E+01	3.44E+01	3.38E+01	1.09E+00	2.36E-01	1.94E+02	2.07E+03	2.76E+01	5.84E-04	3.96E+05	3.96E+05
pyretere	F_As	17409	7.75E-01	3.08E+01	1.98E+01	4.47E+00	-3.21E+02	4.00E+02	1.24E+01	1.79E-01	-2.23E+02	5.62E+02	2.23E+00	4.79E-04	1.44E+05	1.44E+05
pyretrit	F_As	19864	6.13E-01	2.79E+01	2.25E+01	5.31E+00	-8.17E+01	1.63E+02	4.08E+00	2.72E-01	-1.29E+03	1.61E+03	1.12E+01	4.15E-04	1.88E+05	1.88E+05
ramavari	M_Ar	31985	6.67E-01	2.84E+01	4.23E+01	3.24E+00	-7.49E+01	2.59E+02	5.53E+00	3.23E-01	6.73E+02	2.06E+03	1.66E+00	2.16E-04	3.52E+05	3.52E+05
ramibrev	F_Mu	3427	1.21E-01	1.35E+01	1.40E+01	9.09E-01	-1.93E+01	1.29E+02	1.50E+00	8.25E-01	1.10E+02	2.84E+02	1.46E+00	1.60E-03	4.43E+04	4.43E+04
rattnorv	M_Mm	207585	1.04E-01	5.50E+01	3.87E+01	1.75E+00	-4.52E+02	7.06E+02	5.05E+00	1.33E-01	-1.99E+02	1.67E+03	1.12E+00	1.59E-05	3.74E+06	3.74E+06
rhabkr30	M_Ne	24126	5.85E-01	-5.16E+01	9.34E+01	2.68E+01	-5.80E+01	1.37E+02	3.75E+00	1.63E-01	-5.16E+00	4.34E+02	1.50E+00	2.21E-04	2.53E+05	2.54E+05
rhizeric	F_As	40703	6.51E-01	3.18E+01	1.87E+01	3.89E+00	-2.64E+01	1.05E+02	2.51E+00	3.34E-01	9.59E+01	3.02E+02	1.74E+00	2.71E-04	3.65E+05	3.65E+05
rhizirre	F_Gl	71257	7.08E-01	-3.23E+01	1.05E+02	1.24E+01	-1.88E+01	1.18E+02	1.60E+00	2.92E-01	-2.10E+03	3.69E+03	7.08E+00	1.86E-04	6.85E+05	6.86E+05
rhizdale	F_Ba	83111	8.62E-01	-9.20E+00	6.07E+01	1.48E+01	-5.01E+01	1.12E+02	3.17E+00	1.26E-01	5.60E+01	2.69E+02	6.30E-01	5.57E-04	6.06E+05	6.06E+05
rhodprol	M_In	75200	2.31E-01	-1.77E+02	2.58E+02	2.50E+01	5.93E+01	7.77E+01	2.30E+00	7.84E-02	-3.50E+02	9.87E+02	1.68E+00	5.04E-05	1.15E+06	1.15E+06
ricicomm	P_Eu	98524	3.59E-01	2.25E+01	6.92E+01	4.40E+00	-1.51E+02	3.12E+02	2.92E+00	3.86E-01	-2.04E+02	7.73E+02	2.58E+00	6.20E-05	1.30E+06	1.30E+06
romaculi	M_Ne	133408	1.27E-01	-9.42E+01	1.51E+02	3.00E+01	-5.91E+01	2.74E+02	1.34E+00	4.53E-01	-2.73E+03	4.22E+03	4.06E+00	3.82E-05	2.12E+06	2.12E+06
rousaegy	M_Mm	208749	1.01E-01	5.40E+01	4.12E+01	1.78E+00	5.24E+01	3.63E+02	9.29E-01	2.22E-01	-1.78E+02	1.53E+03	1.03E+00	1.42E-05	3.77E+06	3.77E+06
salipurp	P_Eu	170284	3.75E-01	3.50E+01	5.71E+01	3.47E+00	-7.82E+01	2.98E+02	1.66E+00	4.91E-01	-5.19E+02	1.15E+03	4.51E+00	5.21E-05	2.26E+06	2.26E+06
sarrharr	M_Mm	165881	8.03E-02	6.44E+01	3.89E+01	1.30E+00	-3.00E+02	5.74E+02	3.86E+00	1.11E-01	-3.01E+02	1.79E+03	1.12E+00	1.62E-05	3.05E+06	3.05E+06
sarrpurp	P_Eu	170418	3.78E-01	3.44E+01	5.78E+01	3.48E+00	-8.21E+01	3.02E+02	1.67E+00	4.83E-01	-5.31E+02	1.13E+03	4.57E+00	5.15E-05	2.26E+06	2.26E+06
schiaggr	O_St	2557	2.62E-01	1.89E+01	6.59E+01	6.64E-01	-1.99E+02	2.78E+02	1.73E+01	2.33E-01	-9.83E+01	2.54E+02	3.65E+00	8.85E-04	3.21E+04	3.22E+04
schicura	M_PI	28390	1.90E-01	2.35E+01	1.14E+01	2.51E+00	-3.50E+01	1.87E+02	1.42E+00	1.55E-01	-2.97E+03	4.22E+03	5.33E+00	9.68E-05	4.44E+05	4.44E+05
schimans	M_PI	74180	1.57E-01	1.20E+01	2.26E+01	5.79E+00	-1.41E+02	2.42E+02	4.18E+00	5.50E-02	-9.22E+02	2.42E+03	2.21E+00	5.99E-05	1.24E+06	1.24E+06
schimarg	M_PI	23549	1.39E-01	2.46E+01	1.08E+01	2.08E+00	-2.21E+01	1.51E+02	1.22E+00	1.91E-01	-1.94E+03	3.18E+03	3.69E+00	1.19E-04	3.79E+05	3.79E+05
schimatt	M_PI	27944	1.42E-01	-6.65E+01	1.03E+02	1.83E+01	-1.13E+01	1.32E+02	1.33E+00	1.64E-01	-2.98E+03	4.22E+03	5.34E+00	1.50E-04	4.45E+05	4.45E+05
schirodh	M_PI	29679	1.98E-01	1.21E+01	2.26E+01	5.44E+00	-7.46E+00	1.12E+02	1.36E+00	1.59E-01	-2.97E+03	4.22E+03	5.24E+00	1.14E-04	4.58E+05	4.58E+05
schisoli	M_PI	21242	8.72E-02	1.74E+01	1.69E+01	3.42E+00	-1.20E+01	1.37E+02	1.13E+00	4.10E-01	-2.76E+03	4.25E+03	4.00E+00	1.52E-04	3.41E+05	3.41E+05
schimmed	M_PI	59648	4.01E-01	-3.27E+01	7.80E+01	1.84E+01	1.46E+01	4.89E+01	7.69E-01	3.06E-01	-2.82E+03	4.37E+03	3.69E+00	1.13E-04	7.77E+05	7.77E+05
sclecitr	F_Ba	185854	7.74E-01	2.95E+01	2.35E+01	3.67E+00	-2.23E+01	1.02E+02	2.30E+00	2.23E-01	3.96E+02	2.19E+03	2.09E+00	1.51E-04	1.60E+06	1.60E+06
sclescle	F_As	25516	3.66E-02	-5.87E+01	9.90E+01	1.24E+01	4.10E+01	1.34E+01	1.53E+00	5.70E-01	-2.39E+02	4.06E+02	4.40E+00	4.42E-04	2.76E+05	2.76E+05
sebaverm	F_Ba	93925	8.26E-01	2.76E+01	2.27E+01	4.87E+00	-3.21E+02	4.00E+02	1.04E+01	1.27E-01	-2.26E+02	5.58E+02	1.62E+00	1.84E-04	7.64E+05	7.64E+05
sesaindi	P_Eu	124077	3.78E-01	3.58E+01	5.45E+01	3.25E+00	-4.81E+01	2.50E+02	1.93E+00	3.13E-01	-3.00E+02	9.17E+02	2.63E+00	4.92E-05	1.68E+06	1.68E+06
setaital	P_Mo	132962	4.11E-01	-1.08E+01	1.00E+02	7.02E+00	-5.28E+01	2.05E+02	1.68E+00	3.60E-01	-4.05E+02	9.57E+02	3.05E+00	6.96E-05	1.72E+06	1.72E+06
setavari	P_Mo	141793	4.33E-01	3.14E+01												

talastip	F_As	28254	7.89E-02	-2.05E+02	2.35E+02	3.00E+01	2.75E+01	2.74E+01	3.70E+00	7.93E-01	-1.55E+02	2.89E+02	3.75E+00	3.86E-04	2.54E+05	2.54E+05
tarehass	P_Eu	146042	5.02E-01	1.78E+01	7.33E+01	4.69E+00	-6.25E+01	2.68E+02	2.09E+00	4.54E-01	-3.49E+02	8.84E+02	6.99E+00	7.70E-05	1.76E+06	1.76E+06
tarsryri	M_Mm	170850	5.10E-02	-2.50E+02	3.36E+02	3.00E+01	2.06E+01	1.56E+02	1.51E+00	1.40E-01	-2.66E+02	1.63E+03	1.12E+00	1.70E-05	3.10E+06	3.10E+06
telacirc	M_Ne	106708	3.87E-01	4.51E+01	1.76E+01	1.24E+00	-1.00E+02	4.61E+02	1.28E+00	3.67E-01	-2.90E+02	1.77E+02	1.58E+00	6.97E-05	1.60E+06	1.60E+06
testcype	F_Ba	5495	2.88E-01	-1.14E+01	7.24E+01	1.65E+00	-6.91E+01	1.76E+02	7.29E+00	5.36E-01	-3.47E+02	6.62E+02	3.35E+00	9.51E-04	6.52E+04	6.53E+04
teittrh	O_AI	88673	4.09E-01	-2.01E+01	9.14E+01	2.09E+00	-2.98E+01	8.50E+01	1.60E+01	3.03E-01	-1.11E+02	2.92E+02	2.53E+00	3.07E-04	1.00E+06	1.00E+06
thectrah	O_Ap	9138	4.78E-01	1.32E+01	2.58E+01	1.42E+00	5.79E+01	4.05E+01	1.92E+00	1.12E-01	-2.87E+02	5.36E+02	3.90E+00	1.41E-03	1.12E+05	1.12E+05
theiannu	O_Al	9485	3.96E-01	2.47E+01	5.37E+00	3.03E+00	-1.13E+02	1.71E+02	6.99E+00	5.39E-01	-1.22E+02	2.98E+02	3.49E+00	6.54E-04	8.64E+04	8.65E+04
theiequi	O_AI	8309	7.02E-01	1.92E+01	1.50E+01	8.70E+00	-1.33E+01	7.18E+01	2.62E+00	2.44E-01	3.68E+01	3.15E+02	1.02E+00	1.67E-03	6.28E+04	6.29E+04
theiparv	O_AI	20708	3.23E-01	2.40E+01	6.33E+00	3.46E+00	-1.55E+02	2.21E+02	7.72E+00	5.44E-01	-4.95E+01	2.33E+02	2.76E+00	7.01E-04	2.07E+05	2.07E+05
thelster	F_As	15149	5.04E-01	-1.38E+00	5.32E+01	1.23E+01	-2.26E+02	3.02E+02	1.33E+01	2.55E-01	-2.23E+02	4.40E+02	3.63E+00	4.56E-04	1.53E+05	1.53E+05
theocaca	P_Eu	124320	3.96E-01	1.93E+01	7.40E+01	4.17E+00	-2.14E+01	3.33E+02	1.29E+00	5.47E-01	-4.00E+02	1.08E+03	4.29E+00	4.54E-05	1.71E+06	1.71E+06
toxocani	M_Ne	50928	2.17E-02	-6.48E+02	7.18E+02	1.68E+01	-6.69E+02	1.26E+03	3.83E+00	9.57E-01	-9.33E+02	3.07E+03	5.04E+00	7.43E-05	7.76E+05	7.76E+05
toxogond	O_AI	68674	8.66E-01	-2.62E+03	2.99E+03	1.36E+01	3.76E+02	1.87E+01	8.93E-01	1.72E-02	2.48E+01	5.25E+02	5.71E+00	2.63E-04	9.58E+05	9.58E+05
tramvers	F_Ba	77575	8.76E-01	3.21E+00	5.16E+01	9.83E+00	-8.39E+00	9.72E+01	1.46E+00	1.23E-01	4.33E+02	2.21E+03	6.73E-01	2.99E-04	6.06E+05	6.06E+05
tremmese	F_Ba	37703	3.32E-01	-3.89E+01	8.32E+01	2.61E+01	-3.35E+01	1.05E+02	2.47E+00	3.80E-01	-1.59E+02	3.33E+02	5.41E+00	2.75E-04	4.02E+05	4.02E+05
tribcast	M_In	124660	5.31E-01	1.05E+01	3.71E+01	1.10E+01	2.66E+01	1.14E+02	6.92E-01	2.76E-01	-2.84E+03	4.29E+03	3.23E+00	1.14E-04	1.51E+06	1.51E+06
tricadha	M_Pl	169887	6.02E-01	3.68E+01	5.82E+01	2.16E+00	-7.60E+01	2.77E+02	1.84E+00	3.69E-01	-3.24E+02	1.25E+03	3.50E+00	7.53E-05	2.09E+06	2.09E+06
tricchia	F_Ba	28444	9.22E-02	-1.26E+02	1.70E+02	2.60E+01	3.89E+01	1.37E+01	1.79E+00	5.89E-01	-2.09E+02	3.41E+02	4.68E+00	3.92E-04	2.84E+05	2.84E+05
tricomana	M_Mm	170926	2.38E-02	4.48E+01	3.98E+01	5.45E+00	5.71E+01	8.00E+01	9.23E-01	1.54E-01	-1.29E+02	1.35E+03	9.42E-01	1.64E-05	3.13E+06	3.13E+06
tricmats	F_Ba	84964	8.37E-01	-4.71E+01	9.95E+01	2.18E+01	-2.77E+01	8.66E+01	2.39E+00	1.50E-01	2.49E+01	2.45E+02	8.74E-01	1.38E-04	6.47E+05	6.47E+05
tricomuri	M_Ne	71271	6.41E-01	-9.28E+01	1.45E+02	3.00E+01	-4.41E+00	1.70E+02	1.14E+00	2.63E-01	-5.52E+02	2.04E+03	2.11E+00	2.42E-04	7.66E+05	7.66E+05
tricrege	M_Pl	24957	1.17E-01	-2.52E+02	2.95E+02	2.94E+01	-5.81E+01	2.17E+02	1.57E+00	2.99E-01	-3.67E+03	5.31E+03	5.10E+00	1.30E-04	4.08E+05	4.09E+05
tricspir	M_Ne	138810	3.85E-01	-1.22E+01	8.11E+01	1.55E+00	2.30E+01	3.77E+01	3.80E+00	3.71E-01	-2.07E+02	4.66E+02	2.67E+00	1.18E-04	1.64E+06	1.64E+06
tricsuis	M_Ne	63901	5.54E-01	-8.98E+01	1.41E+02	3.00E+01	-4.82E+02	5.39E+02	2.48E+01	6.81E-02	-7.30E+01	4.15E+02	1.11E+00	2.02E-04	7.30E+05	7.31E+05
trictic	M_Ne	30745	6.24E-01	-9.69E+01	1.48E+02	3.00E+01	-8.63E+00	8.92E+01	1.28E+00	2.40E-01	-2.43E+02	7.88E+02	1.91E+00	2.54E-04	3.17E+05	3.17E+05
trifprat	P_Eu	137769	2.85E-01	-7.49E-01	9.16E+01	6.59E+00	-3.09E+01	2.12E+02	1.73E+00	4.26E-01	-1.13E+02	7.71E+02	1.94E+00	4.64E-05	1.91E+06	1.91E+06
trustrun	M_Mm	140565	9.94E-02	5.62E+01	3.68E+01	1.88E+00	-4.52E+02	7.06E+02	4.75E+00	1.92E-01	-2.02E+02	1.67E+03	1.28E+00	2.19E-05	2.48E+06	2.48E+06
ursumari	M_Mm	176409	9.05E-02	6.19E+01	3.53E+01	1.39E+00	-2.97E+02	5.77E+02	3.52E+00	1.24E-01	-3.28E+02	1.78E+03	1.16E+00	1.63E-05	3.21E+06	3.21E+06
ustimayd	F_Ba	4762	3.59E-01	3.22E+00	3.54E+01	1.75E+00	-1.44E+02	2.34E+02	1.26E+01	4.33E-01	-2.19E+02	4.33E+02	5.43E+00	8.84E-04	5.35E+04	5.36E+04
ustispec	F_Ba	17942	1.07E-01	3.66E+00	8.35E+01	1.26E+00	6.66E+00	1.17E+02	3.02E+00	8.93E-01	-1.31E+02	1.05E+03	6.58E-01	3.33E-04	2.01E+05	2.01E+05
ventinae	F_Eu	23454	6.69E-01	-3.94E+01	9.05E+01	2.37E+01	2.54E+01	5.08E+01	1.57E+00	2.76E-01	1.36E+02	9.00E+01	1.42E+00	4.10E-04	2.00E+05	2.00E+05
vicupaco	M_Mm	178901	6.00E-02	-2.46E+01	1.12E+02	9.71E+00	1.94E+01	2.08E+02	1.30E+00	1.79E-01	-2.37E+02	1.53E+03	1.14E+00	1.63E-05	3.20E+06	3.20E+06
vitivini	P_Eu	133606	2.94E-01	-5.61E+01	1.47E+02	9.43E+00	3.00E+00	1.42E+02	1.42E+00	3.44E-01	-2.22E+02	9.97E+02	1.40E+00	7.71E-05	1.92E+06	1.92E+06
vollemer	M_In	83467	2.75E-01	-2.93E+02	3.70E+02	3.00E+01	1.46E+01	2.38E+02	9.38E-01	6.84E-01	1.26E+03	3.04E+03	9.01E-01	6.21E-05	1.22E+06	1.22E+06
volvcart	P_Ch	97115	6.20E-02	-1.87E+02	2.64E+02	2.35E+01	-1.22E+03	1.48E+03	1.01E+01	7.55E-01	1.75E+02	2.89E+02	1.73E+00	6.98E-05	1.32E+06	1.32E+06
volvvolv	F_Ba	63833	1.62E-01	-4.33E+02	4.87E+02	2.01E+01	1.01E+01	4.21E+01	9.05E+00	6.89E-01	-1.00E+02	2.49E+02	2.63E+00	2.80E-04	5.59E+05	5.59E+05
wallsebi	F_Ba	15871	3.34E-01	1.59E+01	9.15E+01	2.04E-01	2.98E+01	1.55E+01	5.94E+00	5.34E-01	-2.86E+03	4.38E+03	1.81E+00	1.69E-03	1.42E+05	1.42E+05
wolfcoco	F_Ba	73155	8.57E-01	3.82E+00	4.92E+01	1.02E+01	-7.24E+00	8.65E+01	1.53E+00	1.40E-01	3.93E+02	2.15E+03	7.36E-01	2.84E-04	5.68E+05	5.69E+05
wuchbanc	M_Ne	64354	8.87E-03	-2.93E+02	3.26E+02	2.90E+01	-7.65E+01	1.72E+02	6.05E+00	2.33E-01	-1.48E+02	3.78E+02	3.45E+00	1.03E-04	8.26E+05	8.26E+05
xenotrop	M_Am	194571	5.63E-02	2.40E+01	6.24E+01	5.99E+00	-1.10E+01	1.66E+02	2.62E+00	8.90E-02	-1.45E+02	1.14E+03	1.16E+00	1.69E-05	3.41E+06	3.41E+06
xiphmacu	M_Fs	197110	2.79E-01	5.13E+00	7.89E+01	6.41E+00	-1.34E+02	2.80E+02	4.07E+00	1.67E-01	-1.61E+02	1.01E+03	1.45E+00	2.83E-05	2.99E+06	2.99E+06
zea_mays	P_Mo	147949	3.45E-01	-3.36E+02	4.24E+02	3.00E+01	-1.58E+01	2.18E+02	1.14E+00	5.70E-01	-7.02E+02	1.39E+03	4.78E+00	6.05E-05	1.99E+06	1.99E+06
zizijuju	P_Eu	123766	4.28E-01	3.49E+01	6.45E+01	2.78E+00	-1.05E+02	4.10E+02	1.81E+00	5.15E-01	-1.92E+02	9.00E+02	4.24E+00	5.42E-05	1.67E+06	1.67E+06
zostmari	P_Mo	87945	6.01E-01	1.96E+00	8.21E+01	5.27E+00	-4.36E+01	3.30E+02	1.35E+00	3.85E-01	6.39E+02	2.06E+03	1.65E+00	8.15E-05	1.09E+06	1.09E+06

Supplementary Table S3. ILD components.

(A) Tetrapod two components

SpecID	Species	TaxonID	a1	mode1	median1	width1 ^{a)}	boder1 ^{b)}	a2	mode2	median2	width2
tinagutt	<i>Tinamus guttatus</i>	M_Av	0.0782	86.02	104.41	48.55	144.65	0.9218	387.46	981.12	1610.41
acancho	<i>Acanthisitta chloris</i>	M_Av	0.104	84.32	110.45	70.15	174.73	0.896	433.25	995.33	1493.75
mesiuic	<i>Mesitornis unicolor</i>	M_Av	0.1031	86.28	115.63	79.69	181.04	0.8969	447.64	999.99	1460.69
corvbrac	<i>Corvus brachyrhynchos</i>	M_Av	0.0903	84.06	101.29	45.22	144.33	0.9097	374.4	1017.94	1775.28
sericana	<i>Serinus canaria</i>	M_Av	0.0935	83.81	101.07	45.3	145.87	0.9065	377.99	1020.85	1770.08
apalvitt	<i>Apaloderma vittatum</i>	M_Av	0.0786	87.7	116.13	77.52	170.37	0.9214	448.64	1021.43	1519.8
ptergutt	<i>Pterocles gutturalis</i>	M_Av	0.0809	87.02	116.58	80.67	174.32	0.9191	461.84	1025.9	1491.02
colistri	<i>Collis striatus</i>	M_Av	0.0933	87.11	114.24	72.77	178.93	0.9067	468.17	1027.81	1477.6
taengutt	<i>Taeniopygia guttata</i>	M_Av	0.0875	84.77	103.04	47.94	150.22	0.9125	380.09	1028.9	1796.21
bucerhin	<i>Buceros rhinoceros</i>	M_Av	0.0884	87.05	120.64	93.98	184.89	0.9116	454.76	1031.04	1528.97
meronubi	<i>Merops nubicus</i>	M_Av	0.0883	86.45	116.56	83.08	180.19	0.9117	464.77	1032.97	1502.16
nestnota	<i>Nestor notabilis</i>	M_Av	0.0956	85.23	115.95	84.97	184.24	0.9044	455.21	1034.47	1537.14
melegall	<i>Meleagris gallopavo</i>	M_Av	0.1521	80.44	107.9	73.91	198.1	0.8479	393.11	1036.15	1780.53
geosfort	<i>Geospiza fortis</i>	M_Av	0.087	84.1	101.69	46.12	146.71	0.913	391.8	1039.26	1774.18
manavite	<i>Manacus vitellinus</i>	M_Av	0.0801	85.69	103.92	47.82	145.27	0.9199	387.78	1040.59	1793.97
chiamacq	<i>Chlamydotis macqueenii</i>	M_Av	0.0851	87.24	121.9	98.58	184.41	0.9149	471.18	1044.69	1514.75
euryhell	<i>Eurypyga helias</i>	M_Av	0.0881	87.25	121.33	94.3	187.73	0.9119	477.32	1049.63	1510.97
calyanna	<i>Calypte anna</i>	M_Av	0.0937	85.95	104.59	48.91	152.36	0.9063	394.71	1050.73	1799.09
pseuhumi	<i>Pseudopodoces humilis</i>	M_Av	0.1121	82.74	100.94	47.75	159.63	0.8879	369.84	1051.14	1923.32
balereg	<i>Balearica regulorum</i>	M_Av	0.0879	87.37	119.81	89.56	184.06	0.9121	465.68	1055.1	1562.57
sturvulg	<i>Sturnus vulgaris</i>	M_Av	0.1011	83.23	99.31	42.27	146.79	0.8989	360.93	1056.06	1968.12
caprcaro	<i>Caprimulgus carolinensis</i>	M_Av	0.0898	87.9	118.18	82.05	183.64	0.9102	483.4	1057.13	1513.21
cotujapo	<i>Coturnix japonica</i>	M_Av	0.1381	80.92	104.22	61.64	175.42	0.8619	341.28	1058.05	2096.85
phaelept	<i>Phaethon lepturus</i>	M_Av	0.0867	87.03	118.21	85.7	181.45	0.9133	474.69	1064.17	1559.13
pelecris	<i>Pelecanus crispus</i>	M_Av	0.0879	87.15	122.55	100.39	190.17	0.9121	485.12	1064.31	1527.98
fulmglac	<i>Fulmarus glacialis</i>	M_Av	0.0796	86.94	117.88	86.16	177.78	0.9204	481.64	1066.74	1544.7
caricris	<i>Cariacus cristata</i>	M_Av	0.0852	87.45	120.12	90.46	183.07	0.9148	475.7	1068.05	1567.06
leptdisc	<i>Leptosomus discolor</i>	M_Av	0.0912	86.69	119.15	89.82	186	0.9088	464.88	1074.62	1621.34
gavistel	<i>Gavia stellata</i>	M_Av	0.07	87.58	115.53	76.61	171.7	0.93	492.42	1077.06	1542.06
gallgall	<i>Gallus gallus</i>	M_Av	0.1372	81.69	102.37	54.27	168.81	0.8628	350.55	1086.6	2138.12
phalcarb	<i>Phalacrocorax carbo</i>	M_Av	0.0722	87.33	117.09	81.89	172.44	0.9278	490.03	1087.89	1578.34
taureyrt	<i>Tauraco erythrolophus</i>	M_Av	0.0837	86.77	117.96	86.58	180.84	0.9163	473.88	1089.01	1632.95
tytoalba	<i>Tyto alba</i>	M_Av	0.0641	87.67	113.82	70.93	163.63	0.9359	486.98	1091.22	1597.76
meloundu	<i>Melopsittacus undulatus</i>	M_Av	0.1005	82.9	103.37	53.85	159.94	0.8995	400.92	1092.01	1908.48
colulivi	<i>Columba livia</i>	M_Av	0.0968	84.36	106.35	57.73	160.88	0.9032	401.91	1094.14	1909.71
chaepela	<i>Chaetura pelagica</i>	M_Av	0.0853	85.89	105.57	51.63	155.56	0.9147	416.72	1100.04	1870.29
ficealbi	<i>Ficedula albicollis</i>	M_Av	0.0934	83.68	101.84	47.64	145.21	0.9066	378.58	1102.29	2023.72
corvcorn	<i>Corvus cornix</i>	M_Av	0.0864	85.57	105.01	50.99	158.36	0.9136	381.42	1106.35	2061.12
cucucano	<i>Cuculus canorus</i>	M_Av	0.0966	84.05	104.66	54.14	160.9	0.9034	416.65	1115.44	1918.69
nippnipp	<i>Nipponia nippon</i>	M_Av	0.0929	85.37	106.74	56.1	157.35	0.9071	411.15	1124.43	1962.48
halialbi	<i>Haliaeetus albicilla</i>	M_Av	0.0759	88.03	120.63	90.16	184.91	0.9241	491.61	1125.33	1683.3
falcpere	<i>Falco peregrinus</i>	M_Av	0.1015	85.19	110.04	65.9	172.37	0.8985	418.12	1139.22	1989.87
halileuc	<i>Haliaeetus leucocephalus</i>	M_Av	0.1116	85.34	108.71	61.73	173.15	0.8884	408.78	1148.81	2061.54
falccher	<i>Falco cherrug</i>	M_Av	0.1006	85.17	112.38	72.93	178.78	0.8994	424.96	1149.18	1996.96
charvoci	<i>Charadrius vociferus</i>	M_Av	0.0788	87.53	109.44	57.53	157.39	0.9212	426.81	1152.24	1992.02
zonoalbi	<i>Zonotrichia albicollis</i>	M_Av	0.0793	85.18	103	46.76	147.09	0.9207	389.82	1152.97	2158.74
egregarz	<i>Egretta garzetta</i>	M_Av	0.0748	87.46	109.06	56.76	154.84	0.9252	426.64	1155.46	2002.43
parumajo	<i>Parus major</i>	M_Av	0.1106	82.58	104.4	57.58	171.93	0.8893	375.51	1166.71	2305.43
aptefors	<i>Aptenodytes forsteri</i>	M_Av	0.0833	87.48	110.71	61.01	162.29	0.9167	421.96	1180.7	2106.18
opishoaz	<i>Opisthocomus hoazin</i>	M_Av	0.0576	88.25	106.63	48.31	142.37	0.9424	438.72	1194.96	2078.42
pygoadel	<i>Pygoscelis adeliae</i>	M_Av	0.0658	87.85	110.31	59.27	156.89	0.9342	435.61	1198.27	2110.05
aquichry	<i>Aquila chrysaetos</i>	M_Av	0.113	86.1	110.52	64.47	180.91	0.887	413.19	1207.95	2249.33
picopube	<i>Picoides pubescens</i>	M_Av	0.0971	86.21	110.49	64.08	177.51	0.9029	474.17	1220.34	2024.26
calipugn	<i>Calidris pugnax</i>	M_Av	0.1038	88.06	110.39	58.66	175.74	0.8962	418.93	1227.52	2291.19
anasplat	<i>Anas platyrhynchos</i>	M_Av	0.0718	88.21	106.92	49.12	146.03	0.9282	400.09	1245.81	2417.25
ansecygn	<i>Anser cygnoides</i>	M_Av	0.0835	87.16	109.98	59.93	167.88	0.9165	412.72	1274.82	2485.89
strucame	<i>Struthio camelus</i>	M_Av	0.0605	88.76	109.5	54.38	155.59	0.9395	439.9	1278.13	2362.07
apteaus	<i>Apteryx australis</i>	M_Av	0.0769	87.95	117.08	78.06	175.91	0.9231	453.8	1309.24	2394.34
xenotrop	<i>Xenopus tropicalis</i>	M_Am	0.1605	84.53	137.44	172.45	275.99	0.8396	506.96	1407.9	2493.04
protmucr	<i>Protobothrops mucrosquamatus</i>	M_Rp	0.1194	89.15	154.38	215.51	292.25	0.8806	640.83	1461.14	2172.74
pythbivi	<i>Python bivittatus</i>	M_Rp	0.1015	88.85	152.78	211.79	278.23	0.8985	633.48	1465.3	2210.83
pyndcris	<i>Condylura cristata</i>	M_Mm	0.1964	83.3	151.71	219.52	323.37	0.8036	521.3	1628.1	3152.15
allisine	<i>Alligator sinensis</i>	M_Rp	0.1003	87.83	148.13	192.53	239.18	0.8997	500.15	1630.73	3262.49
camebat	<i>Camelus bactrianus</i>	M_Mm	0.1786	85.56	157.14	246.85	313.11	0.8214	526.29	1637.35	3136.12
ornianat	<i>Ornithorhynchus anatinus</i>	M_Mm	0.1446	93.76	181.05	293.72	325.35	0.8554	613.17	1638.68	2787.24
leptwedd	<i>Leptonychotes weddellii</i>	M_Mm	0.1916	85.27	149.5	214.03	301.52	0.8084	477.68	1651.44	3428.65
allimiss	<i>Alligator mississippiensis</i>	M_Rp	0.1135	86.73	151.3	211.1	259.42	0.8865	502.2	1654.15	3350.89
cameadm	<i>Camelus dromedarius</i>	M_Mm	0.1771	85.89	159.18	252.01	318.98	0.8229	541.49	1663.78	3156.84
pteralect	<i>Pteropus alecto</i>	M_Mm	0.1915	85.13	159.27	252.87	332.9	0.8085	526.65	1665.08	3251.99
thamsirt	<i>Thamnophis sirtalis</i>	M_Rp	0.1205	88.5	151.3	204.75	297.13	0.8795	650.63	1666.73	2745.53
cameferu	<i>Camelus ferus</i>	M_Mm	0.1817	86.17	161.05	255.87	327.25	0.8183	549.61	1667.15	3134.56
turstrun	<i>Tursiops truncatus</i>	M_Mm	0.2218	86.11	163.03	261.5	368.03	0.7782	614.36	1674.76	2871.36
sorearan	<i>Sorex araneus</i>	M_Mm	0.1838	80.96	114.18	93.26	225.06	0.8162	505.08	1682.43	3324.24
chelmyda	<i>Chelonia mydas</i>	M_Rp	0.0457	87.92	110.52	60.27	155.79	0.9543	554.04	1688.27	3196.39
vicupaco	<i>Vicugna pacos</i>	M_Mm	0.1943	85.37	161.36	263.04	342.93	0.8057	547.67	1691.59	3236.38
ptervamp	<i>Pteropus vampyrus</i>	M_Mm	0.203	85.13	162.01	266.71	344.02	0.797	521.77	1692.93	3367.4
rousaegy	<i>Rousettus aegyptiacus</i>	M_Mm	0.181	85.22	155.59	237.07	315.35	0.819	495.47	1694.97	3527.7
eptefusc	<i>Eptesicus fuscus</i>	M_Mm	0.206	84.12	158.46	254.37	350.5	0.794	559.79	1697.45	3193.22
panthodg	<i>Panholops hodgsonii</i>	M_Mm	0.1679	85.57	144.07	182.24	271.14	0.8321	508.77	1707.31	3413.94
caviporc	<i>Cavia porcellus</i>	M_Mm	0.2003	81.99	144.83	211.05	322.39	0.7997	516.3	1745.22	3571.76
ochoprin	<i>Ochotona princeps</i>	M_Mm	0.2344	84.29	146.61	202.79	342.65	0.7656	520.06	1754.48	3572.56
bos_mutu	<i>Bos mutus</i>	M_Mm	0.1878	86.02	159.46	245	326.68	0.8122	544.67	1763.46	3466.03
physcato	<i>Physeter catodon</i>	M_Mm	0.2061	86.45	169.88	292.71	375.26	0.7939	585.01	1784.46	3375.41
cricgris	<i>Cricetulus griseus</i>	M_Mm	0.208	83.86	157.05	254.01	371.61	0.792	627.01	1791.92	3207.71
marmarm	<i>Marmota marmota</i>	M_Mm	0.2213	85.01	169.77	294.29	391.23	0.7787	604.04	1792.61	3309.46
lipovexi	<i>Lipotes vexillifer</i>	M_Mm	0.186	84.81	154.48	239.73	321.17	0.814	529.1	1798.08	3666.66
orciorcia	<i>Orcinus orca</i>	M_Mm	0.1907	84.8	155.18	243.14	326.36	0.8093	516.25	1799.42	3756.09
galevari	<i>Galeoceratus variegatus</i>	M_Mm	0.2147	86.4	171.19	293.48	379.29	0.7853	592.87	1802.07	3378.24
myotdavi	<i>Myotis davidii</i>	M_Mm	0.1842	85.76	163.93	269.27	343.91	0.8158	582.05	1807.02	3445.54
equucaba	<i>Equus caballus</i>	M_Mm	0.1923	86.69	171.79	294.25	359.02	0.8077	554.22	1810.42	3619.43
equuprze	<i>Equus przewalskii</i>	M_Mm	0.1821	86.87	172	296.64	347.37	0.8179	567.59	1811.88	3532.63
dipoordi	<i>Dipodomys ordii</i>	M_Mm	0.2077	84.6	155.46						

myotluci	<i>Myotis lucifugus</i>	M_Mm	0.1854	85.94	165.81	275.48	351.56	0.8146	581.77	1816.94	3493.96
ictitrid	<i>Ictidomys tridecemlineatus</i>	M_Mm	0.2143	84.07	165.35	281.93	379.54	0.7857	576.96	1817.57	3531.17
mesoura	<i>Mesocricetus auratus</i>	M_Mm	0.2088	82.74	153.16	246.16	363.82	0.7912	577.23	1822.6	3548.11
propocuq	<i>Propithecus coquereli</i>	M_Mm	0.2143	84.8	164.22	275.8	356.77	0.7857	511.89	1824.12	3879.96
ailumela	<i>Ailuropoda melanoleuca</i>	M_Mm	0.191	85.95	167.64	287.82	348.7	0.809	556.59	1827.84	3635.87
chryptic	<i>Chrysemys picta</i>	M_Rp	0.0579	87.3	129.03	126.62	198.37	0.9421	531.7	1827.93	3819.52
ursumari	<i>Ursus maritimus</i>	M_Mm	0.1734	86.31	165.69	277.19	333.56	0.8266	558.5	1831.23	3645.92
myotbhr	<i>Myotis brandtii</i>	M_Mm	0.1865	86.08	167.8	284.94	352.18	0.8135	577.19	1837.55	3577.11
microchr	<i>Microtus ochrogaster</i>	M_Mm	0.213	82.99	157	261.55	385.43	0.787	627.34	1841.22	3378.1
rattnorv	<i>Rattus norvegicus</i>	M_Mm	0.2054	83.93	160.31	269.04	366.17	0.7946	580.08	1842.48	3587.94
balaacut	<i>Balaenoptera acutorostrata</i>	M_Mm	0.1825	85.65	162.3	269.76	335.13	0.8175	529.42	1846.91	3865.98
cerasimu	<i>Ceratotherium simum</i>	M_Mm	0.202	85.52	171.91	310.63	373.33	0.798	570.64	1863.28	3703.81
equuasini	<i>Equus asinus</i>	M_Mm	0.193	86.41	173.99	308.39	369.36	0.807	566.86	1864.72	3747.42
bubabuba	<i>Bubalus bubalis</i>	M_Mm	0.2034	85.82	167.9	284.63	364.08	0.7966	547.87	1878.46	3882.64
felicatu	<i>Felis catus</i>	M_Mm	0.2052	86.44	173.39	312.32	378.53	0.7948	567.38	1888.26	3812.76
octodegud	<i>Octodon degus</i>	M_Mm	0.2178	81.15	145.85	221.06	347.17	0.7822	546.74	1891.79	3907.2
fukodama	<i>Fukomys damarensis</i>	M_Mm	0.2033	82.26	157.78	263.38	361.11	0.7967	564.42	1891.81	3840.64
heteglab	<i>Heterocephalus glaber</i>	M_Mm	0.2021	81.78	149.31	230.02	342.43	0.7978	530.69	1894.94	4046.07
anolocar	<i>Anolis carolinensis</i>	M_Rp	0.1104	90.28	161.73	245.45	330.11	0.8896	706.65	1926.14	3359.61
chinlani	<i>Chinchilla lanigera</i>	M_Mm	0.2061	83.25	164.36	286.64	376.79	0.7939	566.5	1930.27	3983.32
ovisarie	<i>Ovis aries</i>	M_Mm	0.1575	85.61	152.66	223.34	288.46	0.8425	510.22	1938.4	4250.39
tricmana	<i>Trichechus manatus</i>	M_Mm	0.1933	84.92	162.1	270.89	344.99	0.8067	533.35	1942.8	4171.99
bisobiso	<i>Bison bison</i>	M_Mm	0.187	86.47	170.26	291.9	360.98	0.813	566.25	1952.41	4051.67
caprhirc	<i>Capra hircus</i>	M_Mm	0.1648	87.21	168.15	282.02	343.84	0.8352	591.9	1957.27	3928.66
acinjuba	<i>Acinonyx jubatus</i>	M_Mm	0.1845	87.72	179.78	327.92	377.87	0.8155	623.4	1958.45	3765.19
pantigr	<i>Panthera tigris</i>	M_Mm	0.1863	87.92	181.15	335.94	378.49	0.8136	612.41	1963.86	3833.74
peromani	<i>Peromyscus maniculatus</i>	M_Mm	0.2049	83.81	163.53	285.98	382.44	0.7951	611.61	1968.95	3860.47
bos_taur	<i>Bos taurus</i>	M_Mm	0.1976	86.07	171.52	300.4	373.07	0.8024	548.39	1971.25	4245.9
dasynove	<i>Dasypus novemcinctus</i>	M_Mm	0.1874	85.71	167.63	280.05	345.01	0.8126	523.18	1987.12	4412.82
mustputo	<i>Mustela putorius</i>	M_Mm	0.2024	86.89	177.74	327.23	386.22	0.7976	551.85	1993.96	4309.52
echitelf	<i>Echinops telfairi</i>	M_Mm	0.2287	84.66	157.82	253.21	387.84	0.7713	599.14	2010.16	4051.69
loxoafri	<i>Loxodonta africana</i>	M_Mm	0.1893	85.64	167.98	289.24	355.5	0.8107	555.24	2010.68	4295.54
canilupu	<i>Canis lupus</i>	M_Mm	0.1972	86.28	177.51	327.88	383.18	0.8028	563.46	2021.92	4328.98
sarcharr	<i>Sarcophilus harrisii</i>	M_Mm	0.1874	92.59	210.77	430.56	411.88	0.8126	623.54	2029.49	4017.11
mus_musc	<i>Mus musculus</i>	M_Mm	0.2002	85.48	173.88	316.37	392	0.7998	589.67	2035.45	4237.39
tarsyri	<i>Tarsius syrichta</i>	M_Mm	0.2183	86.47	180.51	329.15	426.67	0.7817	686.44	2051.6	3778.91
namngali	<i>Nannospalax galili</i>	M_Mm	0.2238	83.52	170.75	316.29	423.08	0.7762	634.34	2095.3	4191.07
sus_scro	<i>Sus scrofa</i>	M_Mm	0.2091	87.08	185.16	353.71	416.97	0.7909	621.09	2096.13	4261.01
otolgarn	<i>Otolemur garnettii</i>	M_Mm	0.2433	85.42	186.17	370.35	473.6	0.7567	676.6	2123	4084.6
pelosine	<i>Pelodiscus sinensis</i>	M_Rp	0.0709	86.28	148.7	216.65	244.2	0.9291	657.56	2125.52	4177.36
micmuri	<i>Microcebus murinus</i>	M_Mm	0.201	86.54	184.92	354.63	404.84	0.799	583.8	2133.88	4626.33
pongabel	<i>Pongo abelii</i>	M_Mm	0.2249	87.11	190.45	376.9	453.02	0.7751	658.52	2165.99	4313.81
gekkiapo	<i>Gekko japonicus</i>	M_Rp	0.0971	90.58	173.05	293.51	352.28	0.9029	882.48	2202.74	3534.51
gorigori	<i>Gorilla gorilla</i>	M_Mm	0.2205	86.85	190.27	380.41	450.5	0.7795	660.88	2237.46	4538.24
rhinox	<i>Rhinopithecus roxellana</i>	M_Mm	0.2329	87.21	194.27	394.46	483.37	0.7671	697.04	2238.8	4384.31
erineuro	<i>Erinaceus europaeus</i>	M_Mm	0.2332	83.56	154.41	233.35	427.82	0.7668	755.27	2260.97	4162.39
elepewa	<i>Elephantulus edwardii</i>	M_Mm	0.2233	84.02	168.76	306.86	407.72	0.7767	589.19	2269.48	5028.44
orycuni	<i>Oryctolagus cuniculus</i>	M_Mm	0.2216	86.51	191.84	401.67	461.9	0.7784	651.77	2288	4790.08
saimboli	<i>Saimiri boliviensis</i>	M_Mm	0.2347	86.79	196	408.88	498.09	0.7652	714.1	2289.89	4481.11
jaicujacu	<i>Jaculus jaculus</i>	M_Mm	0.231	83.72	168.76	309.69	460.97	0.769	750.99	2290.97	4281.86
pan_pani	<i>Pan paniscus</i>	M_Mm	0.2216	87.43	199.01	415.12	479.04	0.7784	680.76	2299.26	4692.88
colango	<i>Colobus angolensis</i>	M_Mm	0.2155	86.63	190.59	382.55	442.32	0.7845	644.9	2303.8	4847.75
chryasia	<i>Chrysochloris asiatica</i>	M_Mm	0.2308	83.92	168.38	310.76	414.56	0.7692	571.19	2306.03	5291.75
mandleuc	<i>Mandrillus leucophaeus</i>	M_Mm	0.218	86.76	193.39	387.66	448.59	0.782	649.63	2327.82	4907.09
aotunanc	<i>Aotus nancymae</i>	M_Mm	0.2263	86.49	193.94	400.37	474.1	0.7737	661.67	2343.81	4943.46
tupachin	<i>Tupaia chinensis</i>	M_Mm	0.2098	86.1	183.29	340.56	445.53	0.7902	706.74	2365.64	4750.83
calljacc	<i>Callithrix jacchus</i>	M_Mm	0.2137	87.27	201.37	429.84	473.26	0.7863	682.3	2367.71	4908.17
nomaleuc	<i>Nomascus leucogenys</i>	M_Mm	0.2018	87.15	195.29	400.71	441.97	0.7982	666.68	2373.37	4982.18
papianur	<i>Papio anubis</i>	M_Mm	0.2307	88.41	210.42	456.99	512.49	0.7693	714.3	2387.59	4818.61
macamula	<i>Macaca mulatta</i>	M_Mm	0.2209	87.23	201.49	432.47	486.89	0.7791	689.24	2391.22	4962.51
pan_trog	<i>Pan troglodytes</i>	M_Mm	0.205	88.04	204.77	443.07	476.78	0.795	692.18	2441.91	5139.79
chlosaba	<i>Chlorocebus sabaeus</i>	M_Mm	0.2238	87.39	207.43	459.53	500.46	0.7762	684.75	2483.72	5322.25
macafasc	<i>Macaca fascicularis</i>	M_Mm	0.2184	87.47	207.24	458.72	500.94	0.7816	695.22	2493.48	5317.49
cercatys	<i>Cercocebus atys</i>	M_Mm	0.2135	87.25	204.3	444.29	482.37	0.7865	665.92	2506.14	5530.58
macaneme	<i>Macaca nemestrina</i>	M_Mm	0.2119	87.61	211.12	475.7	497.33	0.7881	680	2620.6	5874.21
homosapi	<i>Homo sapiens</i>	M_Mm	0.2141	89.36	222.15	507.36	519.37	0.7859	701.71	2631.42	5806.68
monodom	<i>Monodelphis domestica</i>	M_Mm	0.1826	92.72	232.73	534.1	479.27	0.8174	695.12	2665.03	5938.72
latichal	<i>Latimeria chalumnae</i>	M_Sa	0.0388	93.85	125.23	85.17	218.8	0.9612	985.35	2731.36	4788.33

(B) Deuterostomes and Cnidaria two components

SpecId	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2
thelkita	<i>Thelohanellus kitauei</i>	M_Cn	0.9937	20	23.55	27.11	185775	0.0063	20.55	21.92	5.28
cioninte	<i>Ciona intestinalis</i>	M_Ch	0.2243	55.15	100.94	170.21	192.09	0.7757	273.87	368.35	270.68
takinubr	<i>Takifugu rubripes</i>	M_Fs	0.4634	77.16	87.56	28.1	135.43	0.5366	173.37	458.58	802.37
nemavect	<i>Nematostella vectensis</i>	M_Cn	0.0997	76.92	91.17	37.74	110.58	0.9003	257.47	494.54	622
cluphare	<i>Clupea harengus</i>	M_Fs	0.2145	97.25	161.41	198.24	190.79	0.7855	216.68	589.24	1051.91
cynosemi	<i>Cynoglossus semilaevis</i>	M_Fs	0.366	85.28	96.9	31.59	147.23	0.634	222.29	592.06	1031.78
branflor	<i>Branchiostoma floridae</i>	M_Ch	0.1777	426.95	470.53	171.08	285.36	0.8223	245.53	601.34	964.44
acrodigi	<i>Acropora digitifera</i>	M_Cn	0.0792	94.71	104.92	35.2	124.07	0.9208	305.21	649.21	907.2
notocori	<i>Notothenia coriiceps</i>	M_Fs	0.3302	87.88	107.05	50.3	191.23	0.6698	311.37	750.51	1184.16
sackkowa	<i>Saccoglossus kowalevskii</i>	M_He	0.169	106.14	176.6	206.06	232.91	0.831	350.91	825.33	1271.91
laricroc	<i>Larimichthys crocea</i>	M_Fs	0.4536	86.8	110.16	62.01	235.89	0.5464	321.82	869.97	1502.08
lepiocul	<i>Lepisosteus oculatus</i>	M_Fs	0.0467	91.67	102.79	31.17	128.77	0.9533	335.26	950.64	1757.88
xiphmacu	<i>Xiphophorus maculatus</i>	M_Fs	0.3857	81.11	96	39.27	196.05	0.6143	410.16	976.12	1505.83
poecform	<i>Poecilia formosa</i>	M_Fs	0.3805	81.33	97.04	41.36	201.45	0.6196	386.17	996.18	1659.93
poecmexi	<i>Poecilia mexicana</i>	M_Fs	0.3619	81.26	96.07	39.13	182.74	0.6381	349.4	1001.86	1810.56
poeclati	<i>Poecilia latipinna</i>	M_Fs	0.3624	81.34	96.22	39.29	183.6	0.6377	349.61	1012.81	1845.89
pundnyer	<i>Pundamilia nyererei</i>	M_Fs	0.4339	86.22	114.79	77.33	277.36	0.5661	374.18	1055.07	1898.28
poecreti	<i>Poecilia reticulata</i>	M_Fs	0.3692	81.44	97	41	199.37	0.6308	383.35	1055.35	1859
haplburt	<i>Haplochromis burtoni</i>	M_Fs	0.4325	86.52	115.25	77.66	279.88	0.5675	376.45	1066.26	1931.53
maylzebr	<i>Maylandia zebra</i>	M_Fs	0.4361	86.24	115.32	78.88	281.13	0.5639	373.48	1070.57	1954.08
neolbric	<i>Neolamprologus brichardi</i>	M_Fs	0.4399	86.49	114.28	74.77	273.05	0.5601	377.89	1073.82	1928.35
oryzlati	<i>Oryzias latipes</i>	M_Fs	0.4535	76.08	93.31	45.55	227.35	0.5465	384.09	1074.96	1900.91
oreonilo	<i>Oreochromis niloticus</i>	M_Fs	0.4344	86.63	116.65	81.79	286.24	0.5656	380.19	1081.94	1959.74
callimii	<i>Callorhynchus milii</i>	M_Ch	0.0492	93.98	112.1	47.					

stropurp	<i>Strongylocentrotus purpuratus</i>	M_Ec	0.4997	525.81	643.52	372.55	789.75	0.5003	494.84	1286.92	2126.87
astymexi	<i>Astyanax mexicanus</i>	M_Fs	0.2708	95.96	125.53	78.15	277.94	0.7292	524.74	1353.47	2264.62
esoxluci	<i>Esox lucius</i>	M_Fs	0.6063	100.67	200.1	308.39	685.81	0.3937	481.68	1373.6	2469.66
nothfurz	<i>Nothobranchius furzeri</i>	M_Fs	0.5226	75.96	99.52	65.19	338.19	0.4774	490.58	1558.25	2019.08
autstimn	<i>Austrofundulus limnaeus</i>	M_Fs	0.5043	79.32	107	76.54	372.66	0.4957	587.87	1571.63	2659.11
fundhete	<i>Fundulus heteroclitus</i>	M_Fs	0.4311	82.56	105.97	62.47	318.01	0.5689	659.95	1670.86	2696.49
cyprvari	<i>Cyprinodon variegatus</i>	M_Fs	0.4673	78.83	103.74	68.98	382.15	0.5327	733.65	1829.45	2917.98
danierio	<i>Danio rerio</i>	M_Fs	0.3704	80.88	114.69	99.33	454.16	0.6296	932.95	2180.19	3294.1
salmsala	<i>Salmo salar</i>	M_Fs	0.6962	115.16	248.76	398.83	1364.04	0.3038	1012.6	2858.56	5003.85
hydrvulg	<i>Hydra vulgaris</i>	M_Cn	0.5957	84.4	176.3	295.64	1412.49	0.4043	2258.15	3957.43	4675.29

(C) Arthropod two components

SpecID	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2
sarcscab	<i>Sarcoptes scabiei</i>	M_Ar	0.6095	60.47	66.1	16.8	76.87	0.3905	42.96	104.82	171.02
priaserr	<i>Priacma serrata</i>	M_In	0.6885	53.74	55.1	5.34	63.78	0.3115	63.38	129.36	199.89
ramavari	<i>Ramazzottius varieornatus</i>	M_Ar	0.6189	67.19	74.6	21.62	109.47	0.3811	122.7	206.27	219.2
daphpule	<i>Daphnia pulex</i>	M_Ar	0.6202	64.18	68.72	13.99	86.85	0.3798	75.11	211	383.72
pedihuma	<i>Pediculus humanus</i>	M_In	0.6111	79.09	84.6	17.89	105.11	0.3889	92.8	228.8	368.83
belganta	<i>Belgica antarctica</i>	M_In	0.519	55.7	57.73	7.31	68.16	0.481	88.72	236.73	410.83
tetrurti	<i>Tetranychus urticae</i>	M_Ar	0.4305	68.26	75.1	21.27	91.02	0.5695	80.22	247.71	513.53
franocci	<i>Frankliniella occidentalis</i>	M_In	0.7284	81.17	86.01	16.01	113.29	0.2716	100.14	275.89	499.86
nasogira	<i>Nasonia giraulti</i>	M_In	0.5753	75.49	78.73	12.9	94.85	0.4247	104.23	281.29	488.39
megascal	<i>Megaselia scalaris</i>	M_In	0.288	54.82	56.94	8.46	61.29	0.712	53.95	318.88	1003.85
strimari	<i>Strigamia maritima</i>	M_In	0.6836	60.23	63.49	11.36	86.58	0.3164	116.42	321.38	566.07
mayedest	<i>Mayetiola destructor</i>	M_In	0.689	74.01	80.5	21.38	114.97	0.311	103.93	328.87	642.93
chirtent	<i>Chironomus tentans</i>	M_In	0.4701	60.41	64.65	12.19	87.32	0.5299	120.56	332.9	609.14
nasovitr	<i>Nasonia vitripennis</i>	M_In	0.5244	74.56	78.16	14.32	95.47	0.4756	93.94	345.81	820.66
drossech	<i>Drosophila sechellia</i>	M_In	0.5358	58.48	60.94	9.02	75.35	0.4642	91.99	350.19	825.17
dendpond	<i>Dendroctonus ponderosae</i>	M_In	0.4932	54.18	56.08	7.06	66.53	0.5068	80.11	352.36	912.98
danaxlep	<i>Danaus plexippus</i>	M_In	0.1735	72.99	77.83	14.46	90.11	0.8265	160.32	354.78	520.82
papixuth	<i>Papilio xuthus</i>	M_In	0.108	76.35	80.23	13.12	88.87	0.892	150.58	364.88	602.66
drossimu	<i>Drosophila simulans</i>	M_In	0.542	58.48	60.94	9.02	75.74	0.458	93.68	373.1	902.11
linehumi	<i>Linepithema humile</i>	M_In	0.2693	76.44	83.2	20.88	97.33	0.7307	107.48	375.12	885.09
papimach	<i>Papilio machaon</i>	M_In	0.1047	76.37	80.94	14.19	89.02	0.8953	151.9	377.51	634.74
bombimpa	<i>Bombus impatiens</i>	M_In	0.4569	75.3	79.95	18.07	101.77	0.5431	114.33	382.95	851.33
fopiaris	<i>Fopius arisanus</i>	M_In	0.2999	71.35	76.85	21.88	100.1	0.7001	125.1	394.86	881.89
wasmauro	<i>Wasmania auripunctata</i>	M_In	0.2528	81.34	87.11	20.55	101.49	0.7472	122.37	401.09	883.32
pogobarb	<i>Pogonomymex barbatus</i>	M_In	0.2975	76.91	85.23	24.99	105.3	0.7025	119.78	402.45	900.7
vollmer	<i>Vollenhovia emeryi</i>	M_In	0.269	76.55	82.18	19.8	97.44	0.731	114.79	404.57	951.55
orusabie	<i>Orussus abietinus</i>	M_In	0.4716	74.27	82.27	24.84	114.25	0.5284	118.03	414.01	964.16
attaceph	<i>Atta cephalotes</i>	M_In	0.2945	76.67	83.42	22.18	103.37	0.7055	125.59	426.02	956.62
harsalt	<i>Harpegnathos saltator</i>	M_In	0.3118	79.99	91.82	32.73	115.8	0.6882	118.68	428.3	1025.8
campflor	<i>Camponotus floridanus</i>	M_In	0.2765	78.27	86.42	24.46	105.75	0.7235	121.67	429.59	1009.72
cerabiro	<i>Cerapachys biroi</i>	M_In	0.3689	78.85	92.39	36.18	122.71	0.6311	114.56	432.29	1066.15
droserec	<i>Drosophila erecta</i>	M_In	0.5258	58.4	61.04	9.47	78.63	0.4742	104.28	438.36	1133.3
dufonova	<i>Dufourea novaengliae</i>	M_In	0.4649	74.7	78.95	16.9	102.22	0.5351	127.42	438.49	979.06
atharosa	<i>Athalia rosae</i>	M_In	0.5741	77.91	86.21	26.72	127.51	0.4259	130.34	446.23	992.57
spodfrug	<i>Spodoptera frugiperda</i>	M_In	0.1343	80.74	84.77	13.49	96.18	0.8657	194.12	448.74	686.18
drosyaku	<i>Drosophila yakuba</i>	M_In	0.5267	58.42	61.19	9.7	79.77	0.4733	105.39	458.25	1218.31
policana	<i>Polistes canadensis</i>	M_In	0.476	79.37	85.76	22.46	113.63	0.524	114.39	458.65	1192.53
drosersp	<i>Drosophila persimilis</i>	M_In	0.6243	60.69	63.73	11.08	83.39	0.3757	90.47	462	1278.9
monophar	<i>Monomorium pharaonis</i>	M_In	0.261	77.47	83.95	21.56	103.31	0.739	131.88	464.62	1078.21
drosgrim	<i>Drosophila grimshawi</i>	M_In	0.5535	61.29	65.32	12.85	91.38	0.4465	129.29	474.02	1056.57
megarotu	<i>Megachile rotundata</i>	M_In	0.4561	71.27	76.1	18.09	100.94	0.5438	115.27	474.56	1250.26
helimelp	<i>Heliconius melpomene</i>	M_In	0.068	79.12	83.49	14.67	87.72	0.932	215.64	476.04	687.99
papipoly	<i>Papilio polytes</i>	M_In	0.4462	71.58	192.18	624.27	340.37	0.5538	303.49	483.62	481.43
bombterr	<i>Bombus terrestris</i>	M_In	0.4481	75.15	80.69	19.57	107.68	0.5519	131.84	483.84	1125
dinoquad	<i>Dinoponera quadricaps</i>	M_In	0.272	79.18	87.17	26.7	110.4	0.728	138.96	489.9	1124.17
cephcinc	<i>Cephus cinctus</i>	M_In	0.549	73.36	79.74	21.75	116.1	0.451	135.74	493.27	1145.52
polidomi	<i>Polistes dominula</i>	M_In	0.4774	79.64	85.61	21.67	113.63	0.5226	117.7	496.23	1332.29
soleinvi	<i>Solenopsis invicta</i>	M_In	0.2699	77.44	84.59	22.61	104.43	0.7301	129.22	498.31	1220.46
copiflor	<i>Copidosoma floridanum</i>	M_In	0.5211	74.68	78.8	16.37	101.8	0.4789	103.31	500.32	1495.69
tricpret	<i>Trichogramma pretiosum</i>	M_In	0.5764	72.06	75.81	14.89	102.2	0.4236	132.44	509.32	1221.52
acroechi	<i>Acromyrmex echinator</i>	M_In	0.2613	77.01	83.94	22.53	104.1	0.7387	131.28	510.1	1264.36
apisflor	<i>Apis florea</i>	M_In	0.4666	74.78	82.94	25.04	118.08	0.5334	126.7	512.08	1297.87
cotevest	<i>Cotesia vestalis</i>	M_In	0.4537	72.42	79.61	22.84	117.55	0.5463	192.1	513	878.67
plutxylo	<i>Plutella xylostella</i>	M_In	0.2228	358.97	397.34	152.64	258.63	0.7772	155.73	514.91	1055.71
drosanan	<i>Drosophila ananassae</i>	M_In	0.5649	57.75	60.04	8.42	77.02	0.4351	104.06	519.34	1489.08
apisdors	<i>Apis dorsata</i>	M_In	0.4545	75.01	83.83	26.43	121.59	0.5455	134.25	548.58	1386.15
mandsxt	<i>Manduca sexta</i>	M_In	0.0954	75.59	81.3	16.49	99.87	0.9046	241.61	552.21	834.8
apismell	<i>Apis mellifera</i>	M_In	0.4715	74.94	84.71	28.34	122.21	0.5285	139.51	552.57	1355.92
neodleco	<i>Neodiprion lecontei</i>	M_In	0.4689	82.31	98.18	43.76	158.72	0.5311	173.87	552.7	1131.33
droswill	<i>Drosophila willstoni</i>	M_In	0.6153	61.33	64.4	10.92	86.93	0.3847	110.89	565.57	1599.47
culequin	<i>Culex quinquefasciatus</i>	M_In	0.4181	58.93	61.25	8.4	71.55	0.5819	71.94	574.01	2058.18
drosmela	<i>Drosophila melanogaster</i>	M_In	0.4688	58.65	61.61	10.2	82.29	0.5312	115.96	580.12	1726.92
metaooci	<i>Metaseiulus occidentalis</i>	M_Ar	0.6952	99.68	116.32	47.62	208.78	0.3048	194.52	587.85	1115.93
cerasolm	<i>Ceratosenes solmsi</i>	M_In	0.2595	74.97	80.35	19.74	104.76	0.7405	176.15	591.77	1264.08
tribcast	<i>Tribolium castaneum</i>	M_In	0.5518	47.55	48.99	5.72	60.97	0.4482	90.51	633.62	2193.08
amyetran	<i>Amyelois transitella</i>	M_In	0.0408	80.89	85.3	14.9	98.54	0.9592	261.34	640.27	1043.79
chilsupp	<i>Chilo suppressalis</i>	M_In	0.2203	77.34	91.12	36.49	138.2	0.7796	344.68	642.76	790.93
drospsue	<i>Drosophila pseudoobscura</i>	M_In	0.6258	60.45	63.97	11.92	92.01	0.3742	131.12	656.76	1808.73
melicinx	<i>Melitta cinxia</i>	M_In	0.0872	77.18	84.33	19.99	85.49	0.9128	218.85	659.01	1195.21
drosviri	<i>Drosophila virilis</i>	M_In	0.5603	59.47	62.84	11.05	89	0.4397	142.87	665.76	1745.57
micrdemo	<i>Microplitis demolitor</i>	M_In	0.4521	70.94	78.56	22.81	125.13	0.5478	201.08	671.2	1402.5
onthtaur	<i>Onthophagus taurus</i>	M_In	0.4938	52.94	55.65	8.26	75.06	0.5062	92.25	683.3	2671.86
drosmira	<i>Drosophila miranda</i>	M_In	0.6889	60.68	63.9	11.31	95.13	0.3111	153.76	687.13	1775.4
diapictr	<i>Diaphorina citri</i>	M_In	0.2604	383.95	451.43	229.97	342.84	0.7396	196.08	697.94	1467.73
drosmoja	<i>Drosophila mojavensis</i>	M_In	0.5843	59.93	64.19	12.89	98.37	0.4157	155.11	715.52	1845.12
lepesalm	<i>Lepeophtheirus salmon</i>										

acyprips	<i>Acyrtosiphon pisum</i>	M_In	0.5311	64.74	76.7	31.49	180.89	0.4689	315.1	931.6	1722.94
diacallo	<i>Diachasma alloeum</i>	M_In	0.2563	74.58	84.62	30.34	135.59	0.7437	310.24	946.3	1804.11
diurnoxi	<i>Diuraphis noxia</i>	M_In	0.5601	64.34	75.3	28.9	180.51	0.4399	307.79	977.91	1920.62
anopdari	<i>Anopheles darlingi</i>	M_In	0.6566	69.44	76.99	21.48	147.74	0.3434	480.8	996.54	1367.17
glosmors	<i>Glossina morsitans</i>	M_In	0.6479	60.04	66.1	17.17	132.22	0.3521	277.42	1017.35	2182.48
bactdors	<i>Bactrocera dorsalis</i>	M_In	0.5683	60.5	66.79	17.44	118.86	0.4317	165.99	1060.69	3342.35
bactcucu	<i>Bactrocera cucurbitae</i>	M_In	0.5282	60.7	66.84	17.1	115.72	0.4718	163.47	1072.42	3501.04
bactolea	<i>Bactrocera oleae</i>	M_In	0.5486	60.77	68.04	19.85	132.12	0.4514	224.1	1118.48	2969.95
aedeaeay	<i>Aedes aegypti</i>	M_In	0.4123	60.84	62.96	8.44	74.79	0.5877	69.7	1207.28	6731.77
cimelect	<i>Cimex lectularius</i>	M_In	0.571	58.88	64.82	16.06	127.41	0.429	224.08	1393.92	4221.73
ixodscap	<i>Ixodes scapularis</i>	M_Ar	0.1126	69.71	94.78	65.83	189.54	0.8874	814.02	1826.52	2658.42
halyhaly	<i>Halyomorpha halys</i>	M_In	0.2345	74.94	91.44	44.28	233.73	0.7655	632.88	1895.33	3531.19
ceracapi	<i>Ceratitis capitata</i>	M_In	0.5539	61.32	71.45	26.66	187.45	0.4461	361.54	1939.65	5245.5
muscdome	<i>Musca domestica</i>	M_In	0.5412	59.91	66.18	16.74	136.81	0.4588	346.22	2033.45	5614.78
homavitr	<i>Homalodisca vitripennis</i>	M_In	0.0626	96.63	154.3	165.98	259.54	0.9374	837.07	2178.67	3617.16
paratepi	<i>Parasteatoda tepidariorum</i>	M_Ar	0.0941	79.81	98.59	50.73	269.81	0.9059	1049.88	2215.94	3068.13
oncofasc	<i>Oncopeltus fasciatus</i>	M_In	0.1878	74.24	134.85	239.34	487.87	0.8122	1109.15	2249.43	2991.04
blatgerm	<i>Blattella germanica</i>	M_In	0.176	85.45	191.26	407.02	483.46	0.824	939.46	2324.89	3688.43
leptdece	<i>Lepidoptera decemlineata</i>	M_In	0.3434	51.63	85.61	147.02	577.49	0.6566	1086.3	3302.3	6039.06
limupoly	<i>Limulus polyphemus</i>	M_Ar	0.437	369.2	812.64	1171.05	1629.63	0.563	1703.19	3314.67	4227.07
phlepapa	<i>Phlebotomus papatasi</i>	M_In	0.6868	59.94	74.38	40.52	664.69	0.3132	2441.82	3755.62	3921.31
stegmimo	<i>Stegodyphus mimosarum</i>	M_Ar	0.1656	85.25	157	265.01	752.72	0.8344	2411.16	4560.54	5688.77
stomcalc	<i>Stomoxys calcitrans</i>	M_In	0.5528	59.12	72.36	35.74	412.41	0.4472	1698.95	5877.76	11608.2

(D) Miscellaneous metazoan two components

SpeclD	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2
triacadha	<i>Trichoplax adhaerens</i>	M_Pi	0.0179	50.14	57.79	28.61	65.53	0.9821	84.86	137.12	148.12
syphmuri	<i>Syphacia muris</i>	M_Ne	0.0848	55.02	112.93	152.3	217.42	0.9152	85.1	137.38	137.94
tricspir	<i>Trichinella spiralis</i>	M_Ne	0.3251	59.14	62.61	13.5	65.25	0.6749	63.11	141.33	207.34
cylicgold	<i>Cylicostephanus goldi</i>	M_Ne	0.5982	50.39	53.41	9.32	66.58	0.4018	79.31	153.18	193.79
prispaci	<i>Pristionchus pacificus</i>	M_Ne	0.1543	44.37	45.53	4.6	48.03	0.8457	78.69	153.68	197.9
globpall	<i>Globodera pallida</i>	M_Ne	0.3734	50.03	52.92	11.48	64.86	0.6266	89.14	156.8	177.58
prisexsp	<i>Pristionchus exspectatus</i>	M_Ne	0.2049	43.76	47.61	10.11	54.56	0.7951	89.55	164.84	197.52
stropapi	<i>Strongyloides papillosus</i>	M_Ne	0.7177	42.95	45.25	9.13	60.98	0.2823	66	166.97	282.37
melofoir	<i>Meloidogyne floridensis</i>	M_Ne	0.3418	43.13	44.89	7.02	50.92	0.6582	100.34	174.63	203.44
strovene	<i>Strongyloides venezuelensis</i>	M_Ne	0.6513	42.89	45.21	9.22	60.06	0.3487	65.1	183.45	350.34
hetebact	<i>Heterorhabditis bacteriophora</i>	M_Ne	0.2168	58.75	68.95	27.35	67.85	0.7832	75.31	185.51	295.19
meloahl	<i>Meloidogyne hapla</i>	M_Ne	0.5328	43.27	44.98	6.8	57.68	0.4672	116.41	191.64	202.13
strovulg	<i>Strongylus vulgaris</i>	M_Ne	0.5243	53.02	57.63	12.91	75.31	0.4757	91.68	201.09	288.45
amphquee	<i>Amphimedon queenslandica</i>	M_Po	0.4798	47.7	51.97	12.22	70.07	0.5202	92.76	204.28	297.21
steiscap	<i>Steinernema scapterisci</i>	M_Ne	0.6897	44.56	45.75	4.74	56.69	0.3103	92.88	205.76	303.12
tricnati	<i>Trichinella nativa</i>	M_Ne	0.6307	59.08	64.66	17.98	92.87	0.3693	113.86	208.62	248.72
steifelt	<i>Steinernema feltiae</i>	M_Ne	0.691	44.37	45.6	4.89	56.56	0.309	96.02	214.03	314.2
trictic	<i>Trichuris trichiura</i>	M_Ne	0.6379	51.37	53.4	8.06	64.67	0.3621	62.88	218.39	457.2
steiglas	<i>Steinernema glaseri</i>	M_Ne	0.5306	43.67	44.84	4.66	53.98	0.4694	98.36	221.15	328.62
steimont	<i>Steinernema monticolum</i>	M_Ne	0.674	44.49	45.79	5.17	57.73	0.326	102.66	221.53	315.63
caenrema	<i>Caenorhabditis remanei</i>	M_Ne	0.5677	46.2	47.6	5.5	56.73	0.4323	80.05	222.45	400.58
thelcall	<i>Thelazia callipaeda</i>	M_Ne	0.1678	77.68	104.78	71.77	103.64	0.8321	156.47	225.3	197.27
enteverm	<i>Enterobius vermicularis</i>	M_Ne	0.4765	82.01	117.38	92.81	150.38	0.5235	121.24	226.11	276.06
caenbren	<i>Caenorhabditis brenneri</i>	M_Ne	0.5371	45.93	47.29	5.16	57.1	0.4629	93.31	228.02	369.28
litosigm	<i>Litomosoides sigmodontis</i>	M_Ne	0.1708	82.58	93.27	34.05	107.71	0.8292	165.24	228.12	176.63
brugtimo	<i>Brugia timori</i>	M_Ne	0.1565	80.74	108.58	73.58	107.02	0.8435	171.14	236.25	195.87
strostre	<i>Strongyloides stercoralis</i>	M_Ne	0.753	44.47	47.72	11.56	73.07	0.247	85.48	241.35	447.28
anisimp	<i>Anisakis simplex</i>	M_Ne	0.1513	67.15	102.42	94.12	106.61	0.8487	160.81	241.6	220.8
onchflex	<i>Onchocerca flexuosa</i>	M_Ne	0.1407	85.42	104.52	51.13	102.52	0.8593	174.12	243.3	207.52
brugpaha	<i>Brugia pahangi</i>	M_Ne	0.1694	83.65	115.88	85.19	113.04	0.8306	171.76	243.65	210.02
wuchbanc	<i>Wuchereria bancrofti</i>	M_Ne	0.1488	84.16	109.45	66.34	109.51	0.8512	179	247.97	205.96
brugmala	<i>Brugia malayi</i>	M_Ne	0.3564	88.39	146.13	158.21	170.49	0.6436	190.54	253.62	193.09
elaeelep	<i>Elaeophora elaphi</i>	M_Ne	0.1338	85.63	110.49	65.21	106.89	0.8662	181.82	258	224.2
acanvite	<i>Acanthocheilonema viteae</i>	M_Ne	0.3617	87.98	144.25	153.86	175.87	0.6383	197.39	261.66	194.92
loa_loa_	<i>Loa loa</i>	M_Ne	0.2253	86.44	132.39	124.93	137.15	0.7747	189.48	262.69	218.81
paratric	<i>Parastrongyloides trichosuri</i>	M_Ne	0.7201	42.2	44.66	8.62	67.48	0.2799	112.63	264.22	408.06
steicarp	<i>Steinernema carpocapsae</i>	M_Ne	0.6893	44.3	45.45	4.55	56.14	0.3107	101.6	267.41	455.01
stroratt	<i>Strongyloides ratti</i>	M_Ne	0.7687	43.93	48.02	12.41	84.1	0.2313	106.99	271.2	456.44
dracmedi	<i>Dracunculus medinensis</i>	M_Ne	0.299	83.35	115.38	84.02	132.94	0.701	161.91	276.66	307.93
dioimmi	<i>Diriofilaria immitis</i>	M_Ne	0.5615	101.32	181.97	218.62	258.16	0.4385	233.86	278.41	177.18
onchvolv	<i>Onchocerca volvulus</i>	M_Ne	0.3869	97.6	185	246.42	205.59	0.6131	211.93	286.04	230.19
rhabkr30	<i>Rhabditophanes kr3021</i>	M_Ne	0.6016	41.81	43.3	5.91	55.83	0.3984	101.21	286.72	519.76
capitele	<i>Capitella teleta</i>	M_An	0.5404	51.98	53.76	6.92	65.41	0.4596	96.01	288.4	553.68
helorobu	<i>Helobdella robusta</i>	M_An	0.8425	111.58	239.36	349.12	681.17	0.1575	228.91	298.26	229.6
onchoche	<i>Onchocerca ochengi</i>	M_Ne	0.2881	93.8	122.36	76.93	165.56	0.7119	220.82	302.1	229.48
meloenco	<i>Meloidogyne incognita</i>	M_Ne	0.5216	42.4	46.02	9.47	95.83	0.4784	199.6	302.9	283.43
caenbrig	<i>Caenorhabditis briggsae</i>	M_Ne	0.5297	45.49	47.16	5.63	59.17	0.4703	135.84	329.93	513.88
caeneleg	<i>Caenorhabditis elegans</i>	M_Ne	0.525	45.87	48.63	7.96	72.71	0.475	156.35	339.27	482.93
ancyduod	<i>Ancylostoma duodenale</i>	M_Ne	0.4821	56.65	66.45	25.73	109.87	0.5179	165.44	351.88	489.47
tricmuri	<i>Trichuris muris</i>	M_Ne	0.6456	52.06	54.02	7.79	70.61	0.3544	102.99	379.76	871.51
tricsuis	<i>Trichuris suis</i>	M_Ne	0.5803	51.52	53.48	7.79	67.22	0.4197	103.56	387.46	843.22
haemplac	<i>Haemonchus placei</i>	M_Ne	0.5051	56.77	70.35	36.4	146.71	0.4949	231.96	474.61	639.56
dictvivi	<i>Dictyoctonus viviparus</i>	M_Ne	0.5831	58.65	86.6	80.06	251.68	0.4169	271.23	543.76	714.76
crasgiga	<i>Crassostrea gigas</i>	M_Mo	0.2751	99.1	157.28	170.15	210.52	0.7249	229.93	559.9	903.73
lottgiga	<i>Lottia gigantea</i>	M_Mo	0.5211	268.74	312.12	170.54	379.71	0.4789	240.34	566.36	864.16
ancygani	<i>Ancylostoma caninum</i>	M_Ne	0.6705	56.17	70.13	38.14	220.42	0.3295	362	570.36	607.87
haemcont	<i>Haemonchus contortus</i>	M_Ne	0.4027	56.15	73.77	50.31	159.02	0.5973	232.22	580.04	923.47
paraequo	<i>Parascaris equorum</i>	M_Ne	0.1514	41.38	90.85	132.88	182.23	0.8486	409.89	603.99	560.63
oesodent	<i>Oesophagostomum dentatum</i>	M_Ne	0.7005	53.85	63.41	25.22	176.27	0.2995	297.19	605.17	812.36
angicant	<i>Angiostrongylus cantonensis</i>	M_Ne	0.4893	59.68	78.26	49.62	174.35	0.5107	289.21	622.64	878.08
angicoat	<i>Angiostrongylus costaricensis</i>	M_Ne	0.4776	59.71	78.07	48.86	170.63	0.5224	292.69	640.72	915.71
gongpulp	<i>Gongylonema pulchrum</i>	M_Ne	0.2235	83.38	118.83	92.98	200.24	0.7765	443.58	649.57	612.72
nippbras	<i>Nippostrongylus brasiliensis</i>	M_Ne	0.5773	56.75	72.37	42.92	221.47	0.4227	400.77	666.85	742.77
necaamer	<i>Necator americanus</i>	M_Ne	0.5454	56.91	71.06	37.87	186.33	0.4546	303.31	697.25	1034.93
ascalumb	<i>Ascaris lumbricoides</i>	M_Ne	0.0192	64.95	93.17	82.98	114.5	0.9808	471.79	715.7	682.45
toxocani	<i>Toxocara canis</i>	M_Ne	0.0348	99.65	128.47	114.65	194.84	0.9652	525.89	742.58	615.35
heliopoly	<i>Heligmosomoides polygyrus</i>	M_Ne	0.5073	56.32	64.81	22.29	121.8	0.4927	289.1	814.7	1386.4
ancyceyl	<i>Ancylostoma ceylanicum</i>	M_Ne	0.6073	56.07	71.2	42.26	252.92	0.3927	377.42	833.94	1199.54
ascasuum	<i>Ascaris suum</i>	M_Ne	0.4537	514.43	633.86	435.52	671.14	0.5463	493.77	852.83	959.47
biomglab	<i>Biomphalaria glabrata</i>	M_Mo	0.1417	101.2	132.62	85.38	200.33	0.8583	375.82	891.16	1390.54

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telacirc	<i>Teladorsagia circumcincta</i>	M_Ne	0.4415	55.73	73.17	50.42	224.27	0.5585	390.24	1040.82	1737.95
sobobatu	<i>Soboliphyme baturini</i>	M_Ne	0.4955	51.21	57.14	16.41	102.06	0.5045	620.39	1185.89	1551.54
aplycali	<i>Aplysia californica</i>	M_Mo	0.0132	96.7	284.22	530.77	254.61	0.9868	583.77	1215.15	1694.8
mnemleid	<i>Mnemiopsis leidyi</i>	M_Ct	0.6765	149.91	204.18	143.82	511.32	0.3235	563.79	1216.73	1713.35
schioura	<i>Schistosoma curassoni</i>	M_Pi	0.2777	32.21	43.63	36.75	221.97	0.7223	942	1400.68	1393.37
schimarg	<i>Schistosoma margrebowiei</i>	M_Pi	0.2603	32.48	51.48	68.42	250.31	0.7397	880.94	1424.38	1561.96
faschepa	<i>Fasciola hepatica</i>	M_Pi	0.2686	34.57	40.05	14.41	91.04	0.7314	423.14	1438.88	2863.22
schimatt	<i>Schistosoma mattheei</i>	M_Pi	0.2688	32.98	52.47	67.2	301.5	0.7312	1003.39	1449.81	1382.65
schirodh	<i>Schistosoma rodhaini</i>	M_Pi	0.317	32.27	44.08	35.72	246.28	0.683	1000.22	1464.05	1419.86
linganat	<i>Lingula anatina</i>	M_Br	0.7809	262.64	326.77	202.99	733.48	0.2191	761.74	1556.1	2083.61
schijapa	<i>Schistosoma japonicum</i>	M_Pi	0.2009	32.58	39.58	18.51	129.81	0.7991	947.83	1694.41	2005.64
octobima	<i>Octopus bimaculoides</i>	M_Mo	0.0233	105.01	117.26	48.72	128.75	0.9767	662.39	1827.72	3166.11
schimans	<i>Schistosoma mansoni</i>	M_Pi	0.1939	32.58	38.4	15.68	145.78	0.8061	1105.34	1938.48	2242.05
schiahaem	<i>Schistosoma haematobium</i>	M_Pi	0.121	33.14	44.08	31.96	187.87	0.879	1159.39	1956.86	2171.52
clonsine	<i>Clonorchis sinensis</i>	M_Pi	0.1862	39.44	126.97	333.29	455.33	0.8138	1145.78	2124.44	2612.77
opisivive	<i>Opisthorchis viverrini</i>	M_Pi	0.1832	33.79	57.18	87.76	274.84	0.8167	1081.68	2385.78	3421.48
priacaud	<i>Priapulus caudatus</i>	M_Pr	0.7752	264.03	412.83	402.24	1526.01	0.2248	1672.73	3473.81	4724.39

(E) Fungal two components

Specid	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2
rozeallo	<i>Rozella allomyces</i>	F_Cr	0.0558	21.15	22.7	5.94	23.31	0.9442	26.02	28.16	12.58
dioscryo	<i>Dioszegia cryoxerica</i>	F_Ba	0.5254	45.69	47.29	5.73	47.87	0.4746	32.5	48.33	41.52
malaglob	<i>Malassezia globosa</i>	F_Ba	0.0031	19.75	20.04	1.11	21.24	0.9969	35.66	50.84	39.81
lindingo	<i>Lindgomyces ingoldianus</i>	F_As	0.5282	37.22	56.96	51.85	55.06	0.4718	50.63	53.62	8.75
mycofiji	<i>Mycosphaerella fijensis</i>	F_As	0.6273	29.87	51.86	59.83	58.97	0.3727	53.24	55.22	7.34
taphdefo	<i>Taphrina deformans</i>	F_As	0.7364	46.27	47.51	4.92	51.93	0.2636	34.32	57	68.85
aspenovo	<i>Aspergillus novofumigatus</i>	F_As	0.1999	25.93	51.3	74.67	50.23	0.8001	52.96	59.72	18.15
pneujiro	<i>Pneumocystis jirovecii</i>	F_As	0.7934	43.24	44.49	4.97	50.63	0.2066	37.58	60.7	61.49
septpopu	<i>Septoria populicola</i>	F_As	0.8512	55.1	69.76	39.74	138.36	0.1488	32.69	65.22	87.87
choivoeno	<i>Choiromyces venosus</i>	F_As	0.9129	55.91	66.35	27.42	139.43	0.0871	26.48	66.01	129.72
hetepycn	<i>Heterogastrium pycnidioideur.</i>	F_Ba	0.8982	41.77	43.1	5.28	53.35	0.1018	49.91	66.28	46.97
chioapob	<i>Chionosphaera apobasidialis</i>	F_Ba	0.9337	47.42	48.57	4.56	58.12	0.0663	36.7	68.11	84.14
ramarube	<i>Ramaria rubella</i>	F_Ba	0.8378	52.42	54.7	8.2	65.84	0.1622	44.92	68.44	63.09
pedhort	<i>Piedraia hortae</i>	F_As	0.7376	46.98	48.74	6.24	55.48	0.2624	40.41	70.09	77.88
gymnandr	<i>Gymnopus androsaceus</i>	F_Ba	0.7806	52.34	54.24	7.18	62.43	0.2194	39.5	73.56	89.9
amanmusc	<i>Amanita muscaria</i>	F_Ba	0.9074	50.74	52.3	6.22	63.65	0.0926	39.32	73.68	91.53
rhizmicr	<i>Rhizopus microsporus</i>	F_Fu	0.9265	51.53	53.84	8.23	70.99	0.0735	43	74.01	81.37
talastip	<i>Talaromyces stipitatus</i>	F_As	0.6669	53.47	56.79	10.74	64.65	0.3331	42.83	74.51	83.1
acrealca	<i>Acremonium alcalophilum</i>	F_As	0.4829	33.55	53.34	53.83	67.95	0.5171	65.57	74.68	26.67
hanspoly	<i>Hansenula polymorpha</i>	F_As	0.4141	34.08	39.49	14.4	42.6	0.5859	27.95	76.83	162.88
rhizsola	<i>Rhizoctonia solani</i>	F_Ba	0.8942	52.15	53.89	6.77	66.11	0.1058	49.24	77.31	86.92
conithro	<i>Conidiobolus thromboides</i>	F_En	0.9229	48.51	52.19	10.64	79.39	0.0771	43.04	77.41	90.54
pycncinn	<i>Pycnoporus cinnabarinus</i>	F_Ba	0.7434	53.82	55.92	7.38	64.37	0.2566	51.7	77.6	73.5
cryptneof	<i>Cryptococcus neoformans</i>	F_Ba	0.7648	51.81	54.45	8.83	65.36	0.2352	53.55	77.99	64.54
monipern	<i>Moniliophthora perniciosa</i>	F_Ba	0.7761	52.19	53.87	6.65	62.31	0.2239	59.63	79.02	59.68
guyanecr	<i>Guyanagaster necrorhiza</i>	F_Ba	0.8903	51.14	52.74	6.38	64.07	0.1097	46.71	79.43	85.81
tricmats	<i>Tricholoma matsutake</i>	F_Ba	0.8457	52.15	54.15	7.47	65.35	0.1543	41.47	79.71	101.18
tubermela	<i>Tuber melanosporum</i>	F_As	0.8608	54.74	62.05	19.57	97.55	0.1392	40.97	79.95	104.65
suilbrev	<i>Suillus brevipes</i>	F_Ba	0.8763	51.04	52.96	6.89	65.1	0.1237	43.37	80.33	97.41
armigall	<i>Armillaria gallica</i>	F_Ba	0.8552	51.02	52.53	6.02	62.06	0.1448	45.36	80.38	91.87
boleedul	<i>Boletus edulis</i>	F_Ba	0.8861	51.13	53.81	8.37	70.4	0.1139	40.92	80.62	106.08
necthaem	<i>Nectria haematococca</i>	F_As	0.6063	50.57	52.58	7.27	58.32	0.3937	51.21	80.63	77.26
blumgram	<i>Blumeria graminis</i>	F_As	0.7187	48.33	51.03	8.3	61.54	0.2813	58.63	80.68	62.53
aporcary	<i>Aporpium caryae</i>	F_Ba	0.9066	49.21	51.49	7.59	67.74	0.0934	47.21	81.45	89.81
panestip	<i>Panellus stipticus</i>	F_Ba	0.9101	50.39	52.25	6.98	66.09	0.0899	42.2	81.46	104.63
conicoro	<i>Conidiobolus coronatus</i>	F_En	0.8593	49.99	51.44	5.78	60.71	0.1407	38.39	82.13	121.78
sistnive	<i>Sistotremastrum niveocremae</i>	F_Ba	0.8952	50.9	52.66	6.49	65.06	0.1048	46.19	82.15	94.37
agarhyph	<i>Agaricostilbum hyphaenes</i>	F_Ba	0.9403	53.44	55.29	6.68	71.42	0.0597	58.65	83.05	66.19
piriindi	<i>Piriiformospora indica</i>	F_Ba	0.8858	46.23	47.95	5.52	60.76	0.1142	56.06	83.22	73.35
rhizsale	<i>Rhizopogon salebrosus</i>	F_Ba	0.8747	51.17	53.13	6.89	65.52	0.1253	42.19	83.44	110.47
rhizvini	<i>Rhizopus microsporus</i>	F_Fu	0.8934	51.3	53.23	6.94	66.63	0.1066	46.79	84	97.69
cybejadi	<i>Cyberlindeira jadinii</i>	F_As	0.4304	58.18	63.06	14.11	62.87	0.5696	33.98	84.08	143.4
sistsuec	<i>Sistotremastrum suecicum</i>	F_Ba	0.9255	51.09	52.96	6.79	68.24	0.0745	54.19	84.37	80.41
cyllitor	<i>Cylindrobasidium torrendii</i>	F_Ba	0.915	49.19	50.55	5.41	62.13	0.085	56.35	84.78	76.83
ymbkboch	<i>Symbiotaphrina kochii</i>	F_As	0.7867	51.22	54.43	9.74	69.01	0.2133	57.94	85.27	72.64
calovisc	<i>Calocera viscosa</i>	F_Ba	0.9045	49.93	51.47	5.47	63.27	0.0955	50.05	85.45	92.87
fisthepa	<i>Fistulina hepatica</i>	F_Ba	0.7477	52.67	54.83	7.83	64.22	0.2523	52.72	85.7	87.15
gyroliov	<i>Gyrodon lividus</i>	F_Ba	0.8689	52.22	55.04	8.86	71.9	0.1311	53.34	85.7	85.81
collhigg	<i>Colletotrichum higginsianum</i>	F_As	0.8449	56.02	65.27	24.33	105.89	0.1551	55.84	85.74	79.16
macrfuli	<i>Macrolepiota fuliginosa</i>	F_Ba	0.8659	52.11	54.17	7.34	67.09	0.1341	50.14	85.87	93.79
penioxal	<i>Penicillium oxalicum</i>	F_As	0.9147	62.02	75.43	35.28	166.34	0.0853	44.71	85.9	116.42
stagnodo	<i>Stagonospora nodorum</i>	F_As	0.4324	49.67	51.17	5.47	53.15	0.5676	52.57	85.94	90.05
marafiar	<i>Marasmius fiardii</i>	F_Ba	0.8862	54.34	56.87	9.03	73.32	0.1138	54.15	86.05	84.93
micrcani	<i>Microsporium canis</i>	F_As	0.701	58.56	62.47	13.12	74.09	0.299	57.63	86.24	79.18
clavpyxi	<i>Clavicornia pyxidata</i>	F_Ba	0.8921	52.68	54.83	7.69	69.71	0.1079	53.35	86.68	88.04
saitcomp	<i>Saitoella complicata</i>	F_As	0.8348	52.67	54.33	6.4	64.18	0.1652	48.89	86.69	99.15
serplacr	<i>Serpula lacrymans</i>	F_Ba	0.8431	53.5	56.02	8.62	69.84	0.1569	48.22	87.03	101.86
cortglau	<i>Cortinarius glaucopus</i>	F_Ba	0.8633	53.66	55.94	8.55	69.74	0.1367	42.37	87.26	120.56
fusafuji	<i>Fusarium fujikuroi</i>	F_As	0.8165	49.93	52.2	7.64	64.86	0.1835	57.64	87.31	79.18
penibila	<i>Penicillium bilaiae</i>	F_As	0.8451	56.01	62.52	17.82	92.74	0.1549	44.59	87.36	112.74
leucgong	<i>Leucoagaricus gongylophorus</i>	F_Ba	0.8317	51.4	53.12	6.82	63.86	0.1683	50.91	87.58	101.37
fibuspec	<i>Fibulorhizoctonia spec</i>	F_Ba	0.8079	53.02	55.34	7.99	66.67	0.1921	41.89	87.76	123.91
phanchry	<i>Phanerochaete chrysosporium</i>	F_Ba	0.9072	51.96	54.04	7.03	69.49	0.0928	52.42	87.91	93.29
crypparf	<i>Cryphonectria parasitica</i>	F_As	0.0789	40.14	44.57	17.65	53.57	0.9211	67.17	87.93	54.47
zopfrhiz	<i>Zopfia rhizophila</i>	F_As	0.582	50.99	53.76	8.57	60.63	0.418	54	88.06	89.37
calocorn	<i>Calocera cornea</i>	F_Ba	0.8679	49.94	51.87	6.14	64.68	0.1321	54.4	88.1	88.81
gymnchry	<i>Gymnopilus chrysopellus</i>	F_Ba	0.8632	53.01	55.33	8.28	69.71	0.1368	53.39	88.5	92.64
dacrspec	<i>Dacryopinax species</i>	F_Ba	0.8835	49.37	51.08	6.04	63.37	0.1165	51.01	89.01	99.69
oididmai	<i>Oidiodendron maius</i>	F_As	0.6951	50.63	54.73	11.51	67.89	0.3049	53.43	89.09	93.61
tricrover	<i>Trichophyton verrucosum</i>	F_As	0.4803	60.03	62.95	11.45	67.26	0.5197	71.39	89.31	63.66
tricipeta	<i>Trichomonascus petasosporus</i>	F_As	0.6662	42.29	44.69	8.13	53.62	0.3338	42.53	89.35	126.11
leucmoll	<i>Leucogyrophana mollusca</i>	F_Ba	0.8813	52.91	55.19	8.02	70.53	0.1187	57.93	89.6	85.25
cephalbi	<i>Cephaloscius albidus</i>	F_As	0.4637	55.12	60.69	14.91	63.75	0.5363	43.32	89.63	123.62
amanthie	<i>Amanita thiersii</i>	F_Ba	0.8579	51.79	55.09	9.95	74.36	0.1421	58.46	89.74	83.51
gymnluxu	<i>Gymnopus luxurians</i>	F_Ba	0.891	52.71	55.23	8.39	72.06	0.109	47.38	89.74	112.37
aspefumi	<i>Aspergillus fumigatus</i>	F_As	0.7488	53.66	58.08	13.6	74.11	0.2512	54.78	90.18	93.78

talamarn	<i>Talaromyces marneffei</i>	F_As	0.8316	54.67	58.42	11.74	77	0.1684	55.19	90.18	93.22
neollepi	<i>Neolentiniopsis lepidus</i>	F_Ba	0.8852	52.94	55.32	8.2	71.43	0.1148	57.11	90.28	88.25
polycitr	<i>Polychaeton citri</i>	F_As	0.6763	56.14	60.58	12.98	72.33	0.3237	52.94	90.37	98.77
aurivulg	<i>Auriscalpium vulgare</i>	F_Ba	0.8926	52.53	54.59	7.41	69.29	0.1074	53.67	90.42	96.61
phycblak	<i>Phycomyces blakesleeanae</i>	F_Fu	0.0986	35.14	65.52	81.65	55.83	0.9014	65.49	90.54	65.84
binunova	<i>Bimuria novae-zelandiae</i>	F_As	0.5896	49.64	51.93	7.24	58.94	0.4104	58.57	90.62	84.96
pucocstri	<i>Puccinia striiformis</i>	F_Ba	0.6147	74.07	80.76	21.24	89.54	0.3853	47.48	90.78	113.56
mioxosmu	<i>Mixia osmundae</i>	F_Ba	0.8926	50.11	51.65	6.16	63.8	0.1074	55.27	90.95	93.85
cadospes	<i>Cadophora spec</i>	F_As	0.6151	49.4	52.74	9.4	62.99	0.3849	61.5	91.14	78.91
aurepulg	<i>Aureobasidium pulm. lulans</i>	F_As	0.7441	52.25	53.83	6.29	61.91	0.2559	55.36	91.29	94.26
cephfrag	<i>Cephaloscypha fragrans</i>	F_As	0.4355	53.97	57.96	11.13	60.87	0.5645	52.8	91.46	101.84
dendbisp	<i>Dendrothele bisporea</i>	F_Ba	0.795	53.56	58.21	13.01	77.61	0.205	45.27	91.55	123.44
zasmcell	<i>Zasmidium cellare</i>	F_As	0.7346	52.2	54.34	7.56	63.93	0.2654	53.88	91.66	99.3
laccbico	<i>Laccaria bicolor</i>	F_Ba	0.6533	51.69	53.34	6.54	59.48	0.3467	48.71	91.88	113.47
pleuostr	<i>Pleurotus ostreatus</i>	F_Ba	0.8459	52.18	54	6.94	65.48	0.1541	51.66	91.88	105.51
ilyospec	<i>Ilyonectria spec</i>	F_As	0.7317	52.42	56.14	11.21	69.97	0.2683	53.99	91.97	99.73
obbarivu	<i>Obba rivulosa</i>	F_Ba	0.8821	52.82	54.87	7.47	69.18	0.1179	57.03	92.03	92.9
sphastel	<i>Sphaerobolus stellatus</i>	F_Ba	0.8646	52.71	54.58	7.43	66.74	0.1354	39.88	92.04	148.16
lipostar	<i>Lipomyces starkeyi</i>	F_As	0.8363	52.15	54.87	8.88	70.2	0.1637	57.15	92.07	92.88
rickmell	<i>Rickenella mellea</i>	F_Ba	0.9041	52.43	54.12	6.5	67.31	0.0959	54.24	92.1	99.58
monapurp	<i>Monascus purpureus</i>	F_As	0.8578	58.42	65.3	19.58	98.58	0.1422	45.77	92.13	122.46
schicyro	<i>Schizosaccharomyces cryophil</i>	F_As	0.6178	46.36	49.55	11.84	60.98	0.3822	65.32	92.13	77.78
arthbenh	<i>Arthroderma benhamiae</i>	F_As	0.4843	59.91	62.78	11.43	67.8	0.5157	76.31	92.14	62.96
eurorubr	<i>Eurotium rubrum</i>	F_As	0.8434	52.03	55.92	11.54	76.45	0.1566	49.28	92.15	112.52
penichry	<i>Penicillium chrysogenum</i>	F_As	0.7019	53.59	57.26	11.16	69.87	0.2981	58.2	92.3	89.76
heteanno	<i>Heterobasidium annosum</i>	F_Ba	0.8106	54.02	57.28	10.02	73.14	0.1894	55.9	92.48	96.45
laetsulp	<i>Laetiporus sulphureus</i>	F_Ba	0.8633	53.49	55.79	8.15	70.19	0.1367	51.69	92.59	107.28
phlegiga	<i>Phlebiopsis gigantea</i>	F_Ba	0.8973	52.04	53.64	6.3	66.12	0.1027	54.13	92.79	101.4
podoanse	<i>Podospora anserina</i>	F_As	0.7189	56.73	59.94	10.94	72.79	0.2811	67.49	92.96	69.45
phancarn	<i>Phanerochaete carmosa</i>	F_Ba	0.8877	52.5	54.51	7.13	68.43	0.1123	45.96	93.1	126.8
myriduri	<i>Myriangium duriae</i>	F_As	0.7895	51.48	52.98	5.98	62.04	0.2105	57.86	93.13	92.61
challong	<i>Chalara longipes</i>	F_As	0.6899	49.41	52.26	8.38	63.87	0.3101	62.78	93.18	81.17
naiaflui	<i>Naiadella fluitansa</i>	F_Ba	0.8565	70.16	77.6	22.71	110.97	0.1435	48.16	93.45	119.1
aspenidu	<i>Aspergillus nidulans</i>	F_As	0.6982	51.56	55.77	12.68	69.97	0.3018	58.57	93.48	92.59
gloetrab	<i>Gloeophyllum trabeum</i>	F_Ba	0.8675	52.98	54.94	7.39	68.07	0.1325	52.1	93.89	109.62
myroinun	<i>Myrothecium inundatum</i>	F_As	0.7156	53.8	58.1	12.62	72.78	0.2844	56.38	93.99	98.65
talaacul	<i>Talaromyces aculeatus</i>	F_As	0.8486	53.83	57.8	11.99	79.29	0.1514	54.79	94.22	103.46
schipara	<i>Schizopora paradoxa</i>	F_Ba	0.8904	53.75	56.36	8.95	74.52	0.1096	60.37	94.27	90.84
monarube	<i>Monascus ruber</i>	F_As	0.8472	58.48	65.12	19.15	96.12	0.1528	51.17	94.31	113.16
macranom	<i>Macroventuria anomochaeta</i>	F_As	0.6522	49.53	51.26	5.84	58.44	0.3478	58.48	94.48	94.57
penilano	<i>Penicillium lanosocoeeruleum</i>	F_As	0.8256	53.53	58.04	12.78	80.23	0.1744	57.21	94.63	99.64
fibradi	<i>Fibroporia radiculosa</i>	F_Ba	0.9176	52.88	54.84	7.43	70.4	0.0824	44.44	94.88	144.14
lorajunc	<i>Loramycetes juncicola</i>	F_As	0.6419	48.71	51.53	8.18	62.21	0.3581	64.69	94.92	81.28
melibico	<i>Meliniomyces bicolor</i>	F_As	0.6613	49.42	52.46	8.8	63.58	0.3387	60.67	94.97	90.49
sporlind	<i>Sporobolomyces linderiae</i>	F_Ba	0.8913	37.6	38.37	3.04	49.37	0.1087	78.84	95.33	52.39
lentfluv	<i>Lenithecium fluviatile</i>	F_As	0.6661	49.43	52.11	7.9	62.3	0.3339	58.98	95.38	95.57
panurudi	<i>Panus rudis</i>	F_Ba	0.8713	54.32	57.12	9.29	75.04	0.1287	62.44	95.38	89.29
cochvict	<i>Cochliobolus victoriae</i>	F_As	0.7089	50.4	53.86	9.71	67.38	0.2911	59.4	95.46	94.79
corycass	<i>Corynespora cassicola</i>	F_As	0.7173	49.88	52.98	8.98	65.45	0.2827	58.68	95.5	97.81
penicane	<i>Penicillium canescens</i>	F_As	0.8325	51.96	56.06	11.67	77.97	0.1675	58.94	95.58	96.19
cerisubv	<i>Ceriporiopsis subvermispora</i>	F_Ba	0.8619	52.86	55.11	7.86	69.48	0.1381	52.7	95.69	112.89
candtan	<i>Candida tanzawaensis</i>	F_As	0.224	43.21	51.89	27.75	47.94	0.776	47.88	95.7	126.98
cochmiya	<i>Cochliobolus miyabeanus</i>	F_As	0.7107	50.48	53.96	9.78	67.66	0.2893	60.17	95.82	93.87
fusagram	<i>Fusarium graminearum</i>	F_As	0.6081	50.76	52.7	7.07	59.92	0.3919	63.2	95.84	88.28
saccprot	<i>Saccharata proteae</i>	F_As	0.5824	52	55.42	9.91	64.22	0.4176	59.01	95.88	96.8
pachtann	<i>Pachysolen tannophilus</i>	F_As	0.5284	44.29	93.91	133.77	98.13	0.4716	88.37	95.94	30.1
cochcarb	<i>Cochliobolus carbonum</i>	F_As	0.7162	50.4	53.88	9.74	67.93	0.2838	60.07	96.2	94.98
sporfime	<i>Sporormia fimetaria</i>	F_As	0.734	48.12	50.35	6.82	61.71	0.266	62.94	96.38	88.86
tricabie	<i>Trichaptum abietinum</i>	F_Ba	0.876	53.9	56.6	8.99	74.19	0.124	57.48	96.38	102.51
phomtrac	<i>Phoma tracheiphila</i>	F_As	0.6701	50.01	53.01	8.66	64.5	0.3299	63.42	96.41	87.85
cerrunic	<i>Cerrena unicolor</i>	F_Ba	0.8807	54.15	56.56	8.48	72.93	0.1193	56.41	96.51	105.4
wilcmiko	<i>Wilcoxina mikolae</i>	F_As	0.73	53.04	55.82	9.54	68.09	0.27	61.43	96.52	92.69
penibrev	<i>Penicillium brevicompactum</i>	F_As	0.8448	51.96	55.68	10.98	77.03	0.1552	61.09	96.81	94.06
aspecamp	<i>Aspergillus campestris</i>	F_As	0.8149	53.89	60.67	18.38	90.43	0.1851	52.25	96.98	118.57
bysscitr	<i>Byssotrichum circinans</i>	F_As	0.6514	49.55	52.88	9.31	64.71	0.3486	61.91	97.11	92.82
karsrhod	<i>Karstenula rhodostom</i>	F_As	0.6687	49.65	51.86	7.14	61.64	0.3313	65.31	97.14	85.02
rhodtoru	<i>Rhodosporeidium toruloides</i>	F_Ba	0.8008	57.2	60.4	9.17	77.63	0.1992	75.62	97.17	62.35
paraspor	<i>Paraconiothyrium sporulosum</i>	F_As	0.6783	49.46	51.7	7.07	61.75	0.3217	65.43	97.24	85.22
hydnpina	<i>Hydnomerulius pinastr</i>	F_Ba	0.8947	52.41	55.17	8.67	74.87	0.1053	52.65	97.25	117.42
peniexpa	<i>Penicillium expansum</i>	F_As	0.8251	53.94	58.05	12.16	79.22	0.1749	61.82	97.27	93.39
aploprun	<i>Aplosporella prunicola</i>	F_As	0.7245	52.17	56.05	11.23	70.97	0.2755	61.6	97.36	95.77
aspeochr	<i>Aspergillus ochraceo-roseus</i>	F_As	0.8649	55.94	64.39	22.53	109.48	0.1351	44.34	97.37	142.71
cenogeop	<i>Cenococcum geophilum</i>	F_As	0.679	51.7	55.85	11.61	69.74	0.321	60.76	97.37	96.63
armimell	<i>Armillaria mellea</i>	F_Ba	0.8389	50.76	52.25	5.94	62.62	0.1611	52.59	97.41	124.71
amnilig	<i>Ammniculicola lignicola</i>	F_As	0.6689	50.05	52.63	7.79	62.89	0.3311	61.5	97.48	94.77
aspeglau	<i>Aspergillus glaucus</i>	F_As	0.8296	52.45	56.13	11.25	75.67	0.1704	55.15	97.5	111.57
stangris	<i>Stanjemonium grisellum</i>	F_As	0.7542	51.55	55.72	11.93	72.8	0.2458	55.12	97.5	111.39
perimacr	<i>Periconia macrospinoso</i>	F_As	0.6428	51.49	55.7	11.76	68.85	0.3572	63.58	97.53	89.86
apiomont	<i>Apiospora montagnei</i>	F_As	0.8653	58.4	71.52	34.43	139.75	0.1347	52.11	97.55	119.34
aspenige	<i>Aspergillus niger</i>	F_As	0.7179	53.99	59.27	15.31	76.49	0.2821	54.49	97.57	113.08
gymnaura	<i>Gymnascella aurantiaca</i>	F_As	0.7697	55.42	60.77	15.4	81.58	0.2303	59.31	97.62	100.53
baudcomp	<i>Baudoinia compniacensis</i>	F_As	0.7576	53.73	56.91	10.07	71.01	0.2424	62.45	97.7	94.94
agarbisp	<i>Agaricus bisporus</i>	F_Ba	0.8916	52.06	54.1	7.44	69.1	0.1084	52.08	97.73	120.46
glonstel	<i>Glonium stellatum</i>	F_As	0.6767	51.97	55.81	11.04	69.29	0.3233	63.87	97.85	90.39
clatelyn	<i>Clathrospora elyngae</i>	F_As	0.6795	49.79	52.41	7.76	63.21	0.3205	62.45	97.88	93.64
penifell	<i>Penicillium fellutanum</i>	F_As	0.8636	53.76	58.41	13.18	85.3	0.1364	54.85	97.94	113.26
peniglab	<i>Penicillium glabrum</i>	F_As	0.8517	53.1	57.51	12.56	82.24	0.1483	56.32	97.95	109.55
polyfusc	<i>Polyposphaeria fusca</i>	F_As	0.7288	48.99	51.01	6.7	61.59	0.2712	64.4	98.12	89.58
thozspec	<i>Thozetella spec</i>	F_As	0.7449	56.52	61.9	15.49	80.82	0.2551	57.39	98.15	106.91
melivari	<i>Meliniomyces variabilis</i>	F_As	0.7113	49.41	52.47	8.84	66.05	0.2887	65.22	98.3	88.27
bjeradus	<i>Bjerkandera adusta</i>	F_Ba	0.921	51.73	53.46	6.38	68.31	0.079	54.89	98.55	114.76
theraura	<i>Thermoascus aurantiacus</i>	F_As	0.762	55.53	63.35	20.74	90.54	0.238	55.08	98.71	115.04
caliorie	<i>Caliciopsis orientalis</i>	F_As	0.6219	52.77	56.19	10.63	68.4	0.3781	67.98	98.77	80.92
erythase	<i>Erythrobasidium hasegawianum</i>	F_Ba	0.9407	55.81	58.68	9.9	83.97	0.0593	72.56	98.82	76.56
botbrtr	<i>Botryobasidium botryosum</i>	F_Ba	0.9147	58.65	61.61	10.39	83.51	0.0853	57.87	98.89	107.69
penirais	<i>Penicillium raistrickii</i>	F_As	0.8416	52.23	56.34	11.78	79.61	0.1584	61.91	98.9	97.4

ophidiss	<i>Ophiostoma piceae</i>	F_As	0.7174	49.27	51.64	7.2	62.68	0.2826	59.74	99.08	103.18
cerczeae	<i>Cercospora zeaemaydis</i>	F_As	0.634	52.41	55.76	9.88	66.26	0.366	59.06	99.16	105.2
trichisip	<i>Trichodiletschia bisporula</i>	F_As	0.7673	46.31	49.28	8.76	64.82	0.2327	59.05	99.16	105.18
puncstri	<i>Punctularia strigosozonata</i>	F_Ba	0.8801	53.05	55.6	8.53	73.14	0.1199	57.07	99.18	110.44
antrsinu	<i>Antrodia sinuosa</i>	F_Ba	0.899	53.64	56.23	8.75	75.36	0.101	61.83	99.31	99.61
jaapargi	<i>Jaapia argillacea</i>	F_Ba	0.8929	53.74	56.35	8.85	75.12	0.1071	61.17	99.33	100.69
pseuhype	<i>Pseudovirgaria hyperparasitica</i>	F_As	0.7269	50	52.81	8.41	66.15	0.2731	65.16	99.51	91.02
conipute	<i>Coniophora puteana</i>	F_Ba	0.8527	52.87	55.99	9.85	74.68	0.1473	57.22	99.57	111.12
didyexig	<i>Didymella exigua</i>	F_As	0.6825	48.97	50.88	6	59.6	0.3175	59.83	99.61	104.32
candcase	<i>Candida caseinolytica</i>	F_As	0.2546	50.91	54.23	10.66	52.15	0.7454	46.86	99.71	142.46
mycether	<i>Myceliophthora thermophila</i>	F_As	0.7545	58.01	73.46	41.2	114.91	0.2455	77.5	99.73	69.93
hyphsubl	<i>Hypholoma sublateritium</i>	F_Ba	0.8878	53.35	55.56	8.46	71.7	0.1122	55.76	99.76	115.41
melapulv	<i>Melanomma pulvis-pyrius</i>	F_As	0.7184	50.42	53.56	9.08	67.34	0.2816	64.65	99.76	93.37
volvolv	<i>Volvariella volvacea</i>	F_Ba	0.7012	51.8	54.05	7.82	63.45	0.2988	55.07	99.88	117.52
massebur	<i>Massarina eburnea</i>	F_As	0.725	49.63	53.41	10.31	70.24	0.275	65.98	100.02	90.63
thelmirc	<i>Thelebolus microsporus</i>	F_As	0.6048	50.8	54.46	9.97	64.82	0.3952	61.35	100.17	103.18
aspezona	<i>Aspergillus zonatus</i>	F_As	0.8378	57.75	61.87	15.17	83.96	0.1622	54.69	100.28	119.61
pyrespec	<i>Pyrenochaeta spec</i>	F_As	0.7427	49.63	52.37	8.09	66.33	0.2573	67.2	100.4	88.85
trempt	<i>Trematosphaeria pertusa</i>	F_As	0.707	49.89	52.54	7.99	64.81	0.293	66.16	100.44	91.3
westorna	<i>Westerdykella ornata</i>	F_As	0.6999	50.26	53.37	9	66.91	0.3001	66.65	100.51	90.26
aspeydo	<i>Aspergillus sydowii</i>	F_As	0.8447	52.73	57.62	14.4	83.69	0.1553	56.14	100.69	116.85
lepipalu	<i>Lepidopterella palustri</i>	F_As	0.6784	52.08	56.28	11.75	71.06	0.3216	64.9	100.81	95.29
thieappe	<i>Thielavia appendiculata</i>	F_As	0.6442	56.6	61.89	15.37	75.64	0.3558	60.43	100.84	106.05
verrenal	<i>Verruculina enalia</i>	F_As	0.6807	50.25	53.12	8.6	65.1	0.3193	64.65	100.84	95.69
erembila	<i>Eremomyces bilateralis</i>	F_As	0.7399	50.41	53.56	9.24	68.27	0.2601	63.29	100.97	99.18
galemarg	<i>Galerina marginata</i>	F_Ba	0.89	53.19	55.53	8.34	72.45	0.11	55.24	100.98	120.24
lichhyal	<i>Lichtheimia hyalospora</i>	F_Fu	0.9037	56.39	59.01	9.23	78.8	0.0963	68.39	101.04	89.11
micrithr	<i>Microascus trizonosporus</i>	F_As	0.7478	56.93	63.47	18.14	85.87	0.2522	58.39	101.04	111.89
sclectir	<i>Scleroderma citrinum</i>	F_Ba	0.8021	51.35	55.8	12.47	78.01	0.1979	60.82	101.43	106.55
dothsymp	<i>Dothidotia symphoricarpi</i>	F_As	0.7246	50.08	52.7	7.83	65.47	0.2754	66.61	101.6	93.22
terfboud	<i>Terfezia boudieri</i>	F_As	0.7313	55.43	61.57	16.85	82.49	0.2687	63.16	101.81	103.74
rhizeric	<i>Rhizoscyphus ericae</i>	F_As	0.6657	49.32	52.42	8.94	64.91	0.3343	64.84	101.93	97.96
cucuberb	<i>Cucurbitaria berberidis</i>	F_As	0.7333	50	52.95	8.57	67.01	0.2667	64.88	101.96	98.18
postplac	<i>Postia placenta</i>	F_Ba	0.7155	53.05	54.88	7.1	63.29	0.2845	51.68	102.08	132.98
dotsept	<i>Dothistroma septosporum</i>	F_As	0.6454	51.78	54.6	8.49	64.52	0.3546	62.28	102.1	105.42
stagspec	<i>Stagonospora spec</i>	F_As	0.7426	49.55	52.02	7.48	65.08	0.2574	67.27	102.33	93.56
laccamet	<i>Laccaria amethystina</i>	F_Ba	0.8228	52.15	54.52	8.37	68.45	0.1772	53.67	102.39	129.05
ascoimme	<i>Ascobolus immersus</i>	F_As	0.6748	49.76	53.86	11.56	68.8	0.3252	60.86	102.42	109.1
septmusi	<i>Septoria musiva</i>	F_As	0.8212	55.18	68.55	35.77	127.17	0.1788	68.7	102.48	94.11
cochhete	<i>Cochliobolus heterostrophus</i>	F_As	0.6931	50.59	54.75	11.35	69.82	0.3069	58.96	102.59	114.63
schicomm	<i>Schizophyllum commune</i>	F_Ba	0.8014	50.5	52.27	6.17	63.43	0.1986	62.86	102.67	104.76
penijant	<i>Penicillium janthinellum</i>	F_As	0.7947	56.65	62.14	15.69	85.84	0.2053	60.42	102.76	111.05
aspestey	<i>Aspergillus steynii</i>	F_As	0.8193	54.12	59.76	16.32	86.59	0.1807	58.52	102.79	116.17
gymncitr	<i>Gymnascella citrina</i>	F_As	0.8038	54.71	59.74	14.59	82.78	0.1962	58.02	102.82	117.9
setoturc	<i>Setosphaeria turcica</i>	F_As	0.7534	49.61	54.58	13.17	75.71	0.2466	51.53	103.02	136.43
xantpari	<i>Xanthoria parietina</i>	F_As	0.7355	51.59	55.51	11.15	72.77	0.2645	68.54	103.13	93.55
copricine	<i>Coprinopsis cinerea</i>	F_Ba	0.8228	53.02	55.24	7.76	68.89	0.1772	65.28	103.25	101.86
suillute	<i>Suillus luteus</i>	F_Ba	0.814	51.5	54.29	8.91	70.34	0.186	61.12	103.38	110.84
phylcitr	<i>Phyllosticta citriasiana</i>	F_As	0.6603	49.98	53.34	9.81	66.62	0.3397	67.35	103.39	95.75
plicciris	<i>Plicaturospis crispa</i>	F_Ba	0.9159	54.39	56.58	8.21	74.7	0.0841	60.91	103.44	111.63
conilign	<i>Coniochaeta lignaria</i>	F_As	0.7575	56.43	61.36	14.38	80.11	0.2425	51.9	103.46	135.96
trypelut	<i>Trypethelium eluteriae</i>	F_As	0.7195	52.32	55.8	10.48	71.15	0.2805	69.31	103.53	91.75
pateatra	<i>Patellaria atrata</i>	F_As	0.6797	51.29	54.62	9.64	67.84	0.3203	65.24	103.55	101.05
glomacut	<i>Glomerella acutata</i>	F_As	0.7499	54.9	60.34	15.09	81.44	0.2501	61.7	103.72	110.22
metsbicu	<i>Metschnikowia bicuspidata</i>	F_As	0.0477	56.45	57.74	4.61	30.02	0.9523	46.49	103.99	156.09
rhizoryz	<i>Rhizopus oryzae</i>	F_Fu	0.6731	51.65	53.82	8.63	64.85	0.3269	73.95	104.21	85.22
lophmacr	<i>Lophiostoma macrostomum</i>	F_As	0.6671	50.12	52.9	8.31	65.11	0.3329	69.97	104.32	92.22
cordmili	<i>Cordyceps militaris</i>	F_As	0.624	54.23	59.03	14.53	71.2	0.376	52.7	104.42	136.39
rhodspec	<i>Rhodotulula spec</i>	F_Ba	0.8606	65.81	72.78	19.19	108.46	0.1394	58.63	104.45	120.2
collfalc	<i>Colletotrichum falcatum</i>	F_As	0.7132	55.46	63.09	20.37	86.73	0.2868	63.11	104.57	108.88
pleosipa	<i>Pleomassaria siparia</i>	F_As	0.6319	51.29	54.92	10.26	67.26	0.3681	64.9	104.6	104.52
collgram	<i>Colletotrichum graminicola</i>	F_As	0.8046	54.45	61.06	17.69	91.93	0.1954	70.39	104.73	93.43
trivicire	<i>Trichoderma virens</i>	F_As	0.6552	58.65	63.49	15.05	77.48	0.3448	63.29	104.74	108.82
aosarxi	<i>Aosphaeria arxii</i>	F_As	0.7403	51.39	55.08	10.46	72.13	0.2597	66.44	104.75	101.03
glarizoo	<i>Glarea lozoyensis</i>	F_As	0.7625	49.08	51.62	7.61	66.81	0.2375	70.14	104.77	91.52
glomcing	<i>Glomerella cingulata</i>	F_As	0.7379	52.73	56.39	10.81	72.11	0.2621	60.62	104.78	115.9
phlebrev	<i>Phlebia brevispora</i>	F_Ba	0.8707	52.77	55.09	7.91	70.91	0.1293	53.46	105.06	136.8
sporrose	<i>Sporobolomyces roseus</i>	F_Ba	0.6747	69.44	73.65	14.47	85.51	0.3253	64.71	105.06	108.96
wolfcoco	<i>Wolfiporia cocos</i>	F_Ba	0.856	52.7	54.9	7.94	69.43	0.144	52.37	105.3	141.93
cochsati	<i>Cochliobolus sativus</i>	F_As	0.748	50.39	54.3	10.67	72.31	0.252	63.3	105.31	110.94
aurisubg	<i>Auricularia subglabra</i>	F_Ba	0.8568	50.74	52.54	7.15	64.86	0.1432	43.55	105.36	174.28
mytiresi	<i>Mytilinidion resinicola</i>	F_As	0.7036	51.19	54.68	10.07	69.52	0.2964	66.54	105.36	102.64
schijapo	<i>Schizosaccharomyces japonicus</i>	F_As	0.6871	46.84	50.9	14.12	70.51	0.3129	78.89	105.44	77.72
cochluna	<i>Cochliobolus lunatus</i>	F_As	0.7311	50.75	54.22	9.87	70.09	0.2689	63.93	105.52	109.13
altealte	<i>Alternaria alternata</i>	F_As	0.7651	49.82	52.9	8.81	69.73	0.2349	69.3	105.57	96.65
dissacic	<i>Dissoconium aciculare</i>	F_As	0.726	55.29	62.13	18.12	85.17	0.274	59.57	105.62	120.99
fomipini	<i>Fomitopsis pinicola</i>	F_Ba	0.8641	52.99	55.1	7.76	69.57	0.1359	53.01	105.63	139.89
hebecyli	<i>Hebeloma cylindrosporium</i>	F_Ba	0.8392	53.26	55.83	8.91	71.82	0.1608	59.12	105.69	122.19
hyphburt	<i>Hyphopichia burtonii</i>	F_As	0.2007	52.81	55.52	8.25	51.96	0.7993	48.81	106.21	154.15
thiehyrc	<i>Thielavia hircanica</i>	F_As	0.6887	57.65	64.64	19.36	84.55	0.3113	62.33	106.39	115.59
tricrubr	<i>Trichophyton rubrum</i>	F_As	0.7658	59.43	64.07	14.72	83.82	0.2342	73.33	106.43	93.2
acidrich	<i>Acidomyces richmondensis</i>	F_As	0.7137	55.05	58.5	11.15	72.69	0.2863	68.76	106.44	102.84
aulohede	<i>Aulographum hederiae</i>	F_As	0.6675	51.03	54.81	10.48	70	0.3325	70.44	106.47	96.01
asconigr	<i>Ascodesmis nigricans</i>	F_As	0.8273	50.78	56.36	14.8	88.76	0.1727	70.65	106.64	95.94
paxirubi	<i>Paxillus rubicundulus</i>	F_Ba	0.775	52.48	56.03	10.79	73.4	0.225	62.91	106.71	115.09
deliconf	<i>Deltischia confertaspera</i>	F_As	0.6802	50.97	54.23	9.49	68.41	0.3198	71.21	106.72	95.16
tritspec	<i>Tritirachium species</i>	F_Ba	0.9466	61.09	66.32	15.77	111.14	0.0534	64.53	106.86	111.86
beaubass	<i>Beauveria bassiana</i>	F_As	0.6991	53.28	59.36	16.6	79.93	0.3009	64.35	106.98	111.81
aspeacul	<i>Aspergillus aculeatus</i>	F_As	0.8044	54.97	63.38	22.33	99.5	0.1956	52.07	107	147.78
daedquer	<i>Daedalea quercina</i>	F_Ba	0.8988	53.04	55.57	8.47	75	0.1012	62.07	107.07	118.29
aspekawa	<i>Aspergillus kawachii</i>	F_As	0.8514	53.56	58.24	14.11	85.77	0.1486	67.04	107.24	105.53
anthavoc	<i>Anthostoma avocetta</i>	F_As	0.6635	54.42	61.1	17.81	80.23	0.3365	66.87	107.26	108.3
fomimedi	<i>Fomitopsis mediterranea</i>	F_Ba	0.8626	54.33	58.14	11.37	81.65	0.1374	58.07	107.53	130.02
ompholea	<i>Omphalotus olearius</i>	F_Ba	0.8622	53.14	55.02	7.45	68.76	0.1378	57.66	107.55	133
wickanom	<i>Wickerhamomyces anomalus</i>	F_As	0.484	53.54	55.18	6.54	58.1	0.516	37.45	107.6	213.92
collzoys	<i>Colletotrichum zoysiae</i>	F_As	0.7161	54.96	61.64	17.99	84.57	0.2839	66.77	107.62	107.59

aspeoryz	<i>Aspergillus oryzae</i>	F_As	0.7373	54.16	59.2	14.37	77.7	0.2627	48.89	108.23	160.38
pycnsang	<i>Pycnoporus sanguineus</i>	F_Ba	0.884	54.42	57.25	9.3	77.2	0.116	60.99	108.35	124.36
exobvacc	<i>Exobasidium vaccinii</i>	F_Ba	0.8693	70.82	75.2	16.7	100.61	0.1307	57.53	108.38	133.36
crpvish	<i>Cryptococcus vishniacii</i>	F_Ba	0.9093	58.42	61.02	10.22	81.39	0.0907	60.85	108.39	124.73
melalari	<i>Melampsora laricispopulina</i>	F_Ba	0.7145	72.24	77.27	19.18	93.77	0.2855	58.57	108.46	131.02
coccimmi	<i>Coccidioides immitis</i>	F_As	0.678	56.92	62.27	15.78	80.71	0.322	80.02	108.6	83.6
thieanta	<i>Thielavia antarctica</i>	F_As	0.6843	56.24	61.54	15.19	78.79	0.3157	64.79	108.66	115.15
ascosarc	<i>Ascocoryne sarcoides</i>	F_As	0.7351	49.72	53.41	10.08	71.89	0.2649	66.79	108.8	110.21
tothfusc	<i>Tothia fuscella</i>	F_As	0.7176	52.05	54.91	9.02	68.68	0.2824	70.92	108.81	101.5
uncirees	<i>Uncinocarpus reesii</i>	F_As	0.5736	56.2	59.32	11.02	68.47	0.4264	71.62	108.83	104.43
atraspec	<i>Atractiellales spec</i>	F_Ba	0.8476	50.07	52.92	9.1	70.2	0.1524	43.47	108.85	185.22
exidglan	<i>Exidia glandulosa</i>	F_Ba	0.8972	50.86	52.85	7.64	68.53	0.1028	49.67	108.88	159.96
wallicht	<i>Wallemia ichthyophaga</i>	F_Ba	0.9294	46.67	48.16	5.5	62.68	0.0706	54.72	108.95	144.59
marsbrun	<i>Marssonina brunnea</i>	F_As	0.4832	49.67	54.07	11.71	63.75	0.5168	65.91	109.16	113.61
trichicia	<i>Trichosporon chiarellii</i>	F_Ba	0.4711	50.35	52.45	8.37	59.83	0.5289	70.94	109.41	102.19
amorresi	<i>Amorphaeotheca resinata</i>	F_As	0.7392	50.09	53.77	10.24	72.53	0.2608	71.66	109.68	100.89
rhytrufu	<i>Rhytidhysterium rufulum</i>	F_As	0.7012	51.65	53.9	7.91	66.18	0.2988	69.3	109.77	106.19
lophmyti	<i>Lophium mytilinum</i>	F_As	0.7281	51.13	54.57	9.9	71.16	0.2719	70.41	109.94	104.89
meirmilt	<i>Meira miltonrushii</i>	F_Eu	0.5549	65.36	67.83	9.77	73.21	0.4451	51.66	109.96	155.1
mucocirc	<i>Mucor circinelloides</i>	F_Fu	0.8707	57.65	59.92	9.02	75.73	0.1293	55.1	110.09	145.26
leiospec	<i>Leiotrametes sp</i>	F_Ba	0.8901	54.75	58.08	10.39	82.11	0.1099	67.78	110.24	113.05
pisomicr	<i>Pisolithus microcarpus</i>	F_Ba	0.8237	51.58	55.6	11.56	77.96	0.1763	56.31	110.58	144.17
tramijub	<i>Trametes ljubarskyi</i>	F_Ba	0.8895	54.19	57.11	9.51	78.44	0.1105	63.6	110.77	123.89
aspeacid	<i>Aspergillus acidus</i>	F_As	0.8219	53.69	59.86	17.14	90.6	0.1781	60.41	110.86	132.32
neosfisc	<i>Neosartorya fischeri</i>	F_As	0.8367	53.37	57.27	12.84	80.79	0.1633	77.39	110.93	96.78
aspetubi	<i>Aspergillus tubingensis</i>	F_As	0.8338	53.77	60.01	17.37	92.42	0.1662	60.65	110.96	132.01
aspevers	<i>Aspergillus versicolor</i>	F_As	0.8679	51.39	56.05	13.9	85.57	0.1321	64.36	111.32	123.73
tricroces	<i>Trichoderma reesei</i>	F_As	0.6269	60.66	68.73	22.32	86.64	0.3731	69	111.32	111.7
pilocroc	<i>Ploderma croceum</i>	F_Ba	0.8133	54.08	57.23	10.25	75.11	0.1867	62.69	111.64	128.45
tricollea	<i>Trichosporon oleaginosus</i>	F_Ba	0.7307	32.85	36.54	9.68	63.2	0.2693	70.06	111.74	110.78
pisotinc	<i>Pisolithus tinctorius</i>	F_Ba	0.8099	51.75	56.05	12.21	78.89	0.1901	57.72	111.81	143.3
aspewent	<i>Aspergillus wentii</i>	F_As	0.8477	50.72	55.14	13.43	82.19	0.1523	67.57	112.21	117.42
clavspec	<i>Clavulina spec</i>	F_Ba	0.8809	58.18	63.65	15.62	98.08	0.1191	59.89	112.45	137.95
aspeclav	<i>Aspergillus clavatus</i>	F_As	0.8788	55.46	61.32	16.97	97.77	0.1212	69.35	112.52	116.03
altebras	<i>Alternaria brassicicola</i>	F_As	0.5241	49.76	52.07	7.05	59.08	0.4759	62.25	112.88	132.89
thieterr	<i>Thielavia terrestris</i>	F_As	0.7412	60.96	68.97	22.3	95.62	0.2588	65.31	112.94	124.93
metarobe	<i>Metarhizium robertsii</i>	F_As	0.5889	57.8	61.83	13.71	73.92	0.4111	70.3	113.29	113.26
pycnococc	<i>Pycnoporus coccineus</i>	F_Ba	0.8952	54.47	57.42	9.52	79.73	0.1048	66.19	113.52	124.51
metaacri	<i>Metarhizium acridum</i>	F_As	0.5481	57.7	61.89	13.97	72.73	0.4519	69.29	114.02	117.53
hessvesei	<i>Hesseltinella vesiculosa</i>	F_Fu	0.9293	59.02	64.32	17.35	105.18	0.0707	68.57	114.1	120.35
aspebras	<i>Aspergillus brasiliensis</i>	F_As	0.8396	54	60.24	17.49	93.78	0.1604	61.63	114.13	137.7
paxinivo	<i>Paxillus involutus</i>	F_Ba	0.864	52.12	54.81	8.65	72.47	0.136	46.26	114.56	194.85
ustimayd	<i>Ustilago maydis</i>	F_Ba	0.3987	30.64	51.18	54.19	84.47	0.6013	86.21	114.76	74.97
xylöheve	<i>Xylona heveae</i>	F_As	0.6893	55.63	60.62	14.38	80.6	0.3107	80.71	114.81	93.19
tricatro	<i>Trichoderma atroviride</i>	F_As	0.7128	58.52	64.28	17.03	84.39	0.2872	64.21	114.93	133.1
cladfulv	<i>Cladosporium fulvum</i>	F_As	0.7137	51.47	53.89	7.58	66.07	0.2863	64.11	115.16	134.8
morcconi	<i>Morchella conica</i>	F_As	0.7653	57.2	63.47	17.63	89.77	0.2347	71.28	115.2	115.85
pyroconf	<i>Pyronema confluens</i>	F_As	0.6785	51.99	56.3	11.97	73.75	0.3215	73.65	115.47	112.08
melaspec	<i>Melanconium spec</i>	F_As	0.7349	58.2	68.1	26.09	100.19	0.2651	62.48	115.58	140.06
tricaspe	<i>Trichoderma asperellum</i>	F_As	0.7852	58.88	66.08	20.23	95.86	0.2148	65.12	115.67	132.82
neurdisc	<i>Neurospora discreta</i>	F_As	0.4906	60.83	66.83	17.65	76.1	0.5094	70.46	115.94	120.28
polyarcu	<i>Polyporus arcularius</i>	F_Ba	0.8863	54.02	56.74	9.1	76.9	0.1137	61.82	116.41	143.3
backcirc	<i>Backusella circina</i>	F_Fu	0.822	61.02	65.69	15.15	89.57	0.178	62.6	116.72	141.94
tricharz	<i>Trichoderma harzianum</i>	F_As	0.794	57.85	63.89	17.34	91.2	0.206	65.14	117.1	136.52
lentigr	<i>Lentinus tigrinus</i>	F_Ba	0.8826	54.23	57.21	9.56	78.79	0.1174	62.15	117.26	144.68
artoeleg	<i>Artolenzites elegans</i>	F_Ba	0.889	54.01	57.27	10.06	81.56	0.111	66.84	117.72	133.75
tringuia	<i>Trinosporium guianense</i>	F_As	0.733	55.33	61.76	17.49	87.79	0.267	79.08	117.82	107.23
zymopseu	<i>Zymoseptoria pseudotritici</i>	F_As	0.8002	53.27	55.93	8.5	72.59	0.1998	68.03	117.94	131.95
pyretere	<i>Pyrenophora teres</i>	F_As	0.8143	49.43	52.71	9.09	74.09	0.1857	63.99	118.37	143.99
niesexil	<i>Niesslia exilis</i>	F_As	0.8136	51.79	55.62	11.37	77.23	0.1864	62.29	118.63	147.78
tulacalo	<i>Tulasnella calospora</i>	F_Ba	0.852	57.78	61.31	11.5	82.38	0.148	50.7	118.91	188.79
candarab	<i>Candida arabinofementans</i>	F_As	0.1995	72.57	76.71	16.45	63.94	0.8005	54.76	118.93	173.2
aspeflav	<i>Aspergillus flavus</i>	F_As	0.5987	54.6	58.18	11.76	69.98	0.4013	64.76	119.01	142.81
conispec	<i>Coniochaeta spec</i>	F_As	0.7795	57.18	62.44	15.24	86.67	0.2205	66.62	119.23	138.03
pendidgi	<i>Penicillium digitatum</i>	F_As	0.825	54.08	57.93	11.68	81.93	0.175	78.05	119.71	111.37
dekkbrux	<i>Dekkera bruxellensis</i>	F_As	0.1042	68.96	72.9	13.92	42.65	0.8958	48.07	119.76	200
tramvers	<i>Trametes versicolor</i>	F_Ba	0.8786	54.2	56.76	8.75	75.32	0.1214	56.59	120.42	172.01
fusaoxys	<i>Fusarium oxysporum</i>	F_As	0.6098	50.56	52.79	7.58	64.26	0.3902	79.22	120.63	110.06
fusavert	<i>Fusarium verticillioides</i>	F_As	0.6271	50.66	52.8	7.46	64.7	0.3729	80.57	120.77	107
botdroth	<i>Botryosphaeria dothidea</i>	F_As	0.6698	52.68	55.11	9.03	68.03	0.3302	75.48	120.8	119.21
triclong	<i>Trichoderma longibrachiatum</i>	F_As	0.716	59.13	66.74	20.85	92.09	0.284	64.66	120.84	147.9
aspecarb	<i>Aspergillus carbonarius</i>	F_As	0.8156	52.52	58.31	16.48	89.3	0.1844	69.07	121.13	136.55
leptmacu	<i>Leptosphaeria maculans</i>	F_As	0.5569	51.25	53.83	10.28	67.8	0.4431	84.92	121.24	97.1
hystpuli	<i>Hysterium pulicare</i>	F_As	0.7046	51.7	54.45	8.89	69.57	0.2954	75.37	121.33	120.56
zymoarda	<i>Zymoseptoria ardabiliae</i>	F_As	0.7908	53.31	56.06	8.67	72.74	0.2092	67.07	121.56	144.86
umberama	<i>Umbelopsis ramanniana</i>	F_Fu	0.929	65.9	69.89	12.86	103.05	0.071	88.02	122.83	101.27
thiearen	<i>Thielavia arenaria</i>	F_As	0.7703	58.09	64.68	18.78	93.27	0.2297	73.15	123.03	131.16
cladgray	<i>Cladonia grayi</i>	F_As	0.7027	51.45	55.24	10.81	70.85	0.2973	59.22	123.13	168.16
jamispec	<i>Jaminalia spec</i>	F_Ba	0.8232	73.09	76.73	14.46	96.74	0.1768	71.61	123.2	138.17
dichsqua	<i>Dichomitus squalens</i>	F_Ba	0.8516	54.66	58.2	10.8	81.2	0.1484	62.94	124.48	162.66
stehirs	<i>Stereum hirsutum</i>	F_Ba	0.8503	58.04	63.7	16.11	96.68	0.1497	64.12	124.93	159.95
tillanom	<i>Tilletiaria anomala</i>	F_Ba	0.863	71.09	76.45	18.39	107.39	0.137	77.24	126.22	132.54
neurtetr	<i>Neurospora tetrasperma</i>	F_As	0.5046	59.99	66.56	18.59	78.71	0.4954	73.01	126.92	141.45
rhodminu	<i>Rhodotorula minuta</i>	F_Ba	0.8979	62.38	68.64	17.84	112.68	0.1021	86.29	126.97	114.14
puccgram	<i>Puccinia graminis</i>	F_Ba	0.4433	76.38	81.44	20.15	86.98	0.5567	80.73	127.52	127.93
pirospec	<i>Piromyces species</i>	F_Ne	0.2165	41.03	105.6	194.83	92.05	0.7835	96.58	128.32	83.26
histcaps	<i>Histoplasma capsulatum</i>	F_As	0.3679	64.06	70.35	21.42	75.47	0.6321	81.16	128.48	129.59
eutylata	<i>Eutypa lata</i>	F_As	0.4782	58	63.56	16.67	79.08	0.5218	89.56	128.71	104.66
macrphas	<i>Macrophomina phaseolina</i>	F_As	0.7562	52.06	55.19	9.41	74.55	0.2438	85.25	128.93	118.05
ganospec	<i>Ganoderma species</i>	F_Ba	0.854	55.17	59.4	12.44	87.32	0.146	69.22	129.64	158.6
babjinos	<i>Babjeviella inostivor</i>	F_As	0.3437	45.77	48.29	7.03	51.56	0.6563	51.19	130.08	219.25
cateangu	<i>Catenaria anguillulae</i>	F_BI	0.8241	74.12	77.87	14.91	98.76	0.1759	66.38	130.65	168.59
vertdahl	<i>Verticillium dahliae</i>	F_As	0.7165	54.02	59.81	15.69	85.54	0.2835	81.19	130.75	132.63
rhizirre	<i>Rhizoglyphus irregularis</i>	F_GI	0.7143	72.08	76.01	13.97	91.3	0.2857	68.35	131.01	164.65
zibaverm	<i>Sebacina vermifera</i>	F_Ba	0.8504	49.24	52.35	8.92	74.46	0.1496	54.85	131.1	213.08
teranubi	<i>Teratosphaeria nubulosa</i>	F_As	0.7557	53.55	57.14	10.68	77.58	0.2443	80.34	132.07	136.46

schiocto	<i>Schizosaccharomyces octosporus</i>	F_As	0.7788	45.84	50.06	13.66	80.17	0.2212	106.15	132.37	87.34
microssp	<i>Microsporium species</i>	F_As	0.7851	80.42	84.64	16.77	105.06	0.2149	80.53	133.33	142.78
ascorube	<i>Ascoidea rubescens</i>	F_As	0.3749	72.16	95.18	60.55	88.7	0.6251	51.76	133.42	230.96
ventinae	<i>Venturia inaequalis</i>	F_Eu	0.7437	50.77	52.96	7.21	69.26	0.2563	85.48	134.04	127.6
orπισpec	<i>Orpinomyces spec</i>	F_Ne	0.011	37.02	42.56	22.03	60.42	0.989	105.77	134.71	80.01
arthholig	<i>Arthrotrichum oligospora</i>	F_As	0.9234	62.38	70.53	22.72	135.22	0.0766	80.82	136.97	148.48
tillwash	<i>Tilletiopsis washingtonensis</i>	F_Ba	0.7656	53.6	56.08	7.88	73.06	0.2344	85.81	136.98	135.22
parabrase	<i>Paracoccidioides brasiliensis</i>	F_As	0.5685	65.41	75.8	29.61	95.12	0.4315	76.5	137.04	159.48
gonaprol	<i>Gonapodya prolifera</i>	F_Ch	0.807	61.69	66.42	14.53	93.21	0.193	90.83	137.28	129.51
testcype	<i>Testicularia cyperi</i>	F_Ba	0.2266	51.7	62.36	42.41	88.97	0.7734	98.24	138.88	110.77
nadsfulv	<i>Nadsonia fulvescens</i>	F_As	0.5073	69.09	79.42	30.3	93.34	0.4927	74.8	139.52	169.82
ustispec	<i>Ustilaginomycotina spec</i>	F_Ba	0.0419	51.77	59.94	31.38	77.78	0.9581	111.04	140.26	78.98
tremmese	<i>Tremella mesenterica</i>	F_Ba	0.3659	44.23	45.72	5.66	51.81	0.6341	100.96	141.01	123.45
schipomb	<i>Schizosaccharomyces pombe</i>	F_As	0.7779	44.35	50.93	18.05	94.06	0.2221	106.75	142.66	105.9
mycoqram	<i>Mycosphaerella graminicola</i>	F_As	0.6056	53.28	56.15	8.76	69.89	0.3944	83.67	143.36	156.66
acrestri	<i>Acremonium strictum</i>	F_As	0.8681	53.85	58.38	12.85	93.34	0.1319	81.34	144.04	164.45
cronquer	<i>Cronartium quercuum</i>	F_Ba	0.9013	75.54	84.92	28.23	144.35	0.0987	68.97	144.99	200.81
collsome	<i>Colletotrichum somersetensis</i>	F_As	0.8195	54.85	62.51	20.36	108.86	0.1805	87.59	146	154.15
collsubl	<i>Colletotrichum sublineola</i>	F_As	0.8249	54.67	62.2	19.98	109.02	0.1751	86.09	146.33	158.63
protinou	<i>Protomyces inouyei</i>	F_As	0.7591	39.55	44.62	13.31	88.97	0.2409	101.59	149	126.54
pseuelat	<i>Pseudographis elatina</i>	F_As	0.622	51.93	55.19	9.93	74.73	0.378	96.12	150.36	142.82
pyretrit	<i>Pyrenophora tritici</i>	F_As	0.6564	49.46	52.37	8.38	68.6	0.3436	86.68	151.5	170.8
valelaxa	<i>Valetoniopsis laxa</i>	F_As	0.8541	59.41	66.97	21.1	114.48	0.1459	84.21	151.81	177.35
bottrine	<i>Botrytis cinerea</i>	F_As	0.4763	51.6	55.51	11.21	69.64	0.5237	102.4	156.16	150.51
batrdend	<i>Batrachochytrium dendrobatidis</i>	F_Ch	0.7552	77.33	84.8	26.14	116.92	0.2448	94.1	157.85	170.73
spatflav	<i>Spathularia flavida</i>	F_As	0.6594	52.02	55.97	11.44	80.88	0.3406	103.11	159.63	149.58
vertalfa	<i>Verticillium alfalfae</i>	F_As	0.6653	53.93	60.7	17.93	91.62	0.3347	97.27	160.27	168.48
daldesch	<i>Daldinia eschscholzii</i>	F_As	0.6721	55.65	63.75	21.59	96.1	0.3279	86.05	160.98	196.55
rhodgram	<i>Rhodotorula graminis</i>	F_Ba	0.8819	68.16	75.39	20.2	125.32	0.1181	74.59	162.47	235.43
magngris	<i>Magnaporthe grisea</i>	F_As	0.6886	73.86	80.49	24.98	108.84	0.3114	114.68	163.31	144.67
thelster	<i>Thelebolus stercorius</i>	F_As	0.6075	51.17	54.9	10.46	76.57	0.3925	99.54	164.75	171.46
hypospec	<i>Hypoxylon species</i>	F_As	0.62	55.28	62.52	19.42	89.39	0.38	84.78	170.03	224.29
sclescle	<i>Sclerotinia sclerotiorum</i>	F_As	0.5144	50.7	56.26	14.7	79.33	0.4856	121.33	174.61	159.73
grosclav	<i>Grosmannia clavigera</i>	F_As	0.7268	59.83	64.24	15.31	90.41	0.2732	104.89	177.84	192.94
spatpass	<i>Spathaspora passalidarum</i>	F_As	0.121	55.01	57.62	9.19	49.21	0.879	42.79	178.59	464.44
ophipice	<i>Ophiostoma piceae</i>	F_As	0.7388	58.14	64.33	18.33	99.16	0.2612	112.37	186.06	198.46
sporrel	<i>Sporisorium reilianum</i>	F_Ba	0.7682	79.02	83.39	17.33	109.67	0.2318	116.65	186.81	191.03
microspec	<i>Microstromatales spec</i>	F_Ba	0.6651	75.96	129.1	140.93	193.43	0.3349	181.87	188.13	24.88
neurcras	<i>Neurospora crassa</i>	F_As	0.79	60.25	69.89	25.8	132.07	0.21	139.37	199.21	171.82
monahapt	<i>Monacrosporium haptotylum</i>	F_As	0.9059	61.21	67.66	18.71	123.75	0.0941	86.83	199.84	309.47
chaeglob	<i>Chaetomium globosum</i>	F_As	0.7113	55.63	67.32	30.99	140.05	0.2887	149.3	211.22	175.52
mortelon	<i>Mortierella elongata</i>	F_Fu	0.6618	100.79	110.61	28.48	142.87	0.3382	122.34	224.31	268.3
ramibrev	<i>Ramicandelaber brevisporus</i>	F_Fu	0.8415	47.05	117.71	193.52	401.2	0.1585	187.91	240.77	177.57
calopolu	<i>Calosphaeria pulchella</i>	F_As	0.8689	58.39	70.76	32.44	201.81	0.1311	200.9	278.58	222.15
neofparv	<i>Neofusicoccum parvum</i>	F_As	0.8145	51.62	57.92	16.53	146.23	0.1855	233.16	283.73	201.09
phaealeo	<i>Phaeoacremonium aleophilum</i>	F_As	0.8887	52.89	59.61	17.63	171.75	0.1113	241.76	296.2	216.52
pseuanta	<i>Pseudozyma antarctica</i>	F_Ba	0.6865	75.64	82.57	26.8	139.44	0.3135	244.67	312.85	224.18
ophipili	<i>Ophiostoma piliferum</i>	F_As	0.8971	55.65	66.05	27.29	216.48	0.1029	241.03	321.08	246.28
pseuhube	<i>Pseudozyma hubeiensis</i>	F_Ba	0.4182	85.01	92.44	23.39	135.87	0.5818	260.11	448.11	496.78
martpter	<i>Martensiomycetes pterosporus</i>	F_Fu	0.7014	101.39	123.21	86.69	262.04	0.2986	357.41	502.83	426.96
pichmemb	<i>Pichia membranifaciens</i>	F_As	0.8583	64.54	97.76	90.63	387.02	0.1417	370.02	528.35	417.65
coemreva	<i>Coemansia reversa</i>	F_Fu	0.7717	109.07	132.73	94.11	327.52	0.2283	381.66	551.06	444.41

(F) Plant two components

Specid	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2
galdsulp	<i>Galdieria sulphuraria</i>	P_Ba	0.9315	49.53	51.19	6.61	63.97	0.0685	43.14	63.36	53.12
selamoel	<i>Selaginella moellendorffii</i>	P_St	0.653	53.12	55.74	10.16	65.71	0.347	56.21	100.62	116.84
ostrluci	<i>Ostreococcus lucimarinus</i>	P_Ch	0.1521	49.13	50.54	5.47	51.33	0.8479	81.42	125.47	119.69
micrpusi	<i>Micromonas pusilla</i>	P_Ch	0.6204	84.98	131.79	126.79	180.06	0.3796	167.24	177.54	40.97
arabrylra	<i>Arabidopsis lyrata</i>	P_Eu	0.5307	84.91	89.9	17.85	104.18	0.4693	108.97	190.51	216.45
brasnapu	<i>Brassica napus</i>	P_Eu	0.5786	81.44	85.89	17.66	105.47	0.4214	112.5	204.21	241.32
brasoler	<i>Brassica oleracea</i>	P_Eu	0.577	81.67	86.17	17.9	106.36	0.423	115.48	208.94	245.75
brasrapa	<i>Brassica rapa</i>	P_Eu	0.6106	81.37	85.8	17.55	106.15	0.3894	117.52	210.1	243.24
arabthl	<i>Arabidopsis thaliana</i>	P_Eu	0.6249	84.66	89.72	18.35	115.64	0.3751	148.73	215.45	186.42
camestati	<i>Camelina sativa</i>	P_Eu	0.5566	87.72	92.48	18.54	113.06	0.4434	125.1	216.81	240.78
eutrsals	<i>Eutrema salsugineum</i>	P_Eu	0.581	87.15	92.83	19.9	114.57	0.419	138.31	216.93	217.66
boecstri	<i>Boechera stricta</i>	P_Eu	0.5421	85.9	91.45	19.15	110.73	0.4579	130.13	218.84	237.27
arabhall	<i>Arabidopsis halleri</i>	P_Eu	0.5885	84.94	90.32	18.73	113.36	0.4115	136.14	219.32	222.54
capsrube	<i>Capsella rubella</i>	P_Eu	0.6138	86.53	92.39	20.02	118.59	0.3862	149.36	224.38	209.96
capsgran	<i>Capsella grandiflora</i>	P_Eu	0.6236	86.46	92.22	19.8	119.64	0.3764	149.45	225.61	209.45
physpate	<i>Physcomitrella patens</i>	P_Fu	0.704	146.17	198.68	139.85	290.51	0.296	170.86	250.93	232.86
chlolvari	<i>Chlorella variabilis_NC64A</i>	P_Ch	0.9064	147.11	166.54	77.27	293.23	0.0936	134.17	265.36	344.1
maludome	<i>Malus domestica</i>	P_Eu	0.2472	90.72	98.49	25.5	103.18	0.7528	125.27	276.84	399.84
linuosit	<i>Linum usitatissimum</i>	P_Eu	0.5514	86.24	92.21	20.68	120.2	0.4486	161.07	279.63	312.81
mononegl	<i>Monoraphidium neglectum</i>	P_Ch	0.6596	223.35	247.27	95.15	294.87	0.3404	182.1	281.19	273.16
marcpoly	<i>Marchantia polymorpha</i>	P_Ma	0.7999	143.64	220.06	200.81	429.97	0.2001	199.58	281.91	248.69
panivirg	<i>Panicum virgatum</i>	P_Mo	0.3795	86.71	93.72	24.05	107.8	0.6205	120.12	298.09	472.88
tarehass	<i>Tarenaya hassleriana</i>	P_Eu	0.5314	88.93	97.95	28.22	138.66	0.4686	191.67	299.61	290.75
kalamarn	<i>Kalanchoe mamieriana</i>	P_Eu	0.5327	84.56	94.52	28.55	134.29	0.4673	184.81	314.99	348.98
astespec	<i>Asterochloris spec_Cgr/DA1ph</i>	P_Ch	0.2005	75.21	92.87	46.54	134.7	0.7995	250.37	319.35	226.72
kalalaxi	<i>Kalanchoe laxiflora</i>	P_Eu	0.5138	84.66	94.48	28.38	132.57	0.4862	182.13	323.48	374.82
chlarein	<i>Chlamydomonas reinhardtii</i>	P_Ch	0.821	171.55	205.78	124.18	353.23	0.179	265.65	345.89	211.79
volvcart	<i>Volvox carteri</i>	P_Ch	0.1383	71.58	117.56	155.45	141.14	0.8617	285.33	363.06	275.41
caripapa	<i>Carica papaya</i>	P_Eu	0.348	88.44	98.16	29.62	119.65	0.652	168.81	366.83	519.51
gossraim	<i>Gossypium raimondii</i>	P_Eu	0.4633	86.12	95.85	28.31	131.42	0.5367	204.99	369.48	439.35
ricicom	<i>Ricinus communis</i>	P_Eu	0.4107	89.14	99.13	30.37	129.92	0.5893	200.96	370.37	450.1
citrsine	<i>Citrus sinensis</i>	P_Eu	0.4274	90.38	101.45	32.51	135.26	0.5726	218.33	371.35	420.55
zea_mays	<i>Zea mays</i>	P_Mo	0.393	86.34	94.39	25.96	117.54	0.607	149.21	374.84	606.26
pyrubret	<i>Pyrus bretschneideri</i>	P_Eu	0.4459	91.18	104.48	37.21	148.77	0.5541	201.89	376.83	459.32
panihall	<i>Panicum hallii</i>	P_Mo	0.4537	87.03	95.76	27.36	125.55	0.5463	187.38	378.87	504.03
prunpers	<i>Prunus persica</i>	P_Eu	0.4808	91.11	105.81	40.34	156.06	0.5192	228.55	379.95	414.61
poputric	<i>Populus trichocarp</i>	P_Eu	0.4079	89.62	100.47	31.9	132.59	0.5921	212.82	383.06	457.54
fragvesc	<i>Fragaria vesca</i>	P_Eu	0.4542	89.01	99.86	30.84	137.56	0.5458	194.96	383.97	496.11
aracdura	<i>Arachis duranensis</i>	P_Eu	0.3964	87.59	97.5	29.43	132.36	0.6036	196.63	390.39	508.38
meditrun	<i>Medicago truncatula</i>	P_Eu	0.3376	89.08	97.85	27.48	120.28	0.6624	198.21	391.52	509.49
mimugutt	<i>Mimulus guttatus</i>	P_Eu	0.5544	89.09	99.17	30.02	148.47	0.4456	253.39	393.81	401.86

setaital	<i>Setaria italica</i>	P_Mo	0.4771	86.71	95.94	27.95	130.48	0.5229	207.35	399.9	511.15
citrclcm	<i>Citrus clementina</i>	P_Eu	0.449	90.27	102.83	35.68	145.72	0.551	249.07	400.28	429.29
erytgu	<i>Erythranthe guttata</i>	P_Eu	0.5524	89.29	99.06	29.59	152.26	0.4476	242.46	404.68	434.65
zostmari	<i>Zostera marina</i>	P_Mo	0.5985	81.32	89.88	26.76	136.52	0.4015	168.08	405.54	646.62
sarrpurp	<i>Sarracenia purpurea</i>	P_Eu	0.4234	88.69	100.37	33.19	139.51	0.5766	224.82	410.83	495.53
salipurp	<i>Salix purpurea</i>	P_Eu	0.4242	88.7	100.37	33.2	139.98	0.5758	225.46	411.69	495.77
setaviri	<i>Setaria viridis</i>	P_Mo	0.4699	86.67	96.17	28.56	131.75	0.5301	213.22	413.74	531.77
orophom	<i>Oropetium thomaeum</i>	P_Mo	0.4276	86.21	96.79	30.98	133.9	0.5724	215.08	419.03	537.6
eucagran	<i>Eucalyptus grandis</i>	P_Eu	0.3847	88.58	101.31	35.85	136.29	0.6153	229.79	419.65	511.06
prunmume	<i>Prunus mume</i>	P_Eu	0.5095	91.04	107.31	43.98	177.59	0.4905	251.81	422.33	455.15
morunota	<i>Morus notabilis</i>	P_Eu	0.3879	92.18	106.71	40.13	152.85	0.6121	232.13	422.41	501.54
oryzsati	<i>Oryza sativa</i>	P_Mo	0.4481	85.42	95.79	30.33	137.21	0.5519	238.3	431.63	516.74
glycmax	<i>Glycine max</i>	P_Eu	0.365	88.75	99.99	32.68	132.34	0.635	220.86	437.22	570.01
anancom	<i>Ananas comosus</i>	P_Mo	0.2432	88.76	96.55	25.62	109.74	0.7568	186.31	442.21	672.97
ucusati	<i>Cucumis sativus</i>	P_Eu	0.4175	87.04	98.97	33.2	141.79	0.5825	237.89	447.77	555.74
bracstac	<i>Brachypodium stacei</i>	P_Mo	0.4915	86.51	96.94	30.58	140.68	0.5085	238.41	454.66	575.22
salvmilt	<i>Salvia milt</i>	P_Eu	0.5383	80.12	90.21	28.77	150.34	0.4617	272.66	457.62	499.5
zizijuju	<i>Ziziphus jujuba</i>	P_Eu	0.4689	92.63	111.35	50.24	185.38	0.5311	266.62	465.93	527.73
popueuph	<i>Populus euphratica</i>	P_Eu	0.4521	89.11	103.1	38.4	162.42	0.5479	263.18	466.57	540.06
bracdist	<i>Brachypodium distachyon</i>	P_Mo	0.4981	86.25	96.83	30.88	143.95	0.5019	246.87	467.11	585.16
sorgbico	<i>Sorghum bicolor</i>	P_Mo	0.5027	87.16	98.81	33.26	149.57	0.4973	228.65	471.16	636.24
tritaest	<i>Triticum aestivum</i>	P_Mo	0.5863	85.67	97.81	33.76	177.06	0.4137	292.56	482.18	510.23
phasvulg	<i>Phaseolus vulgaris</i>	P_Eu	0.4226	86.29	99.86	36.75	153.13	0.5774	248.21	484.42	620.51
maniescu	<i>Manihot esculenta</i>	P_Eu	0.4699	86.59	99.42	35.15	155.16	0.5301	250.71	485.29	617.35
trifprat	<i>Trifolium pratense</i>	P_Eu	0.3912	88.83	101.65	35.64	150.4	0.6088	250.12	490.71	631.29
theocaca	<i>Theobroma cacao</i>	P_Eu	0.4321	89.45	102.13	35.92	159.66	0.5679	238.11	492.61	672.56
aquicoer	<i>Aquilegia coerulea</i>	P_Eu	0.4527	89.07	101.34	34.19	149.87	0.5473	256.76	500.41	644.37
cicearie	<i>Cicer arietinum</i>	P_Eu	0.4111	88.34	102.06	37.51	165	0.5889	278.02	507.86	604.36
vignradi	<i>Vigna radiata</i>	P_Eu	0.4696	85.6	100.28	39.31	171.3	0.5304	256.03	508.26	661.97
jatrcurc	<i>Jatropha curcas</i>	P_Eu	0.4774	87.28	102.3	40.29	178.94	0.5226	287.86	517.42	605.46
oryzbrac	<i>Oryza brachyantha</i>	P_Mo	0.5136	85.46	97.84	34.37	173.62	0.4864	297.75	528.98	610.01
cucumelo	<i>Cucumis melo</i>	P_Eu	0.4362	87.09	100.85	37.5	166.72	0.5638	263.97	539.49	724.27
daucarro	<i>Daucus carota</i>	P_Eu	0.4958	84.67	100.35	41.59	188.17	0.5042	325.44	560.66	630.03
sesaindi	<i>Sesamum indicum</i>	P_Eu	0.4917	85.82	104.31	48.63	206.41	0.5083	340.59	564.89	604.75
citrlana	<i>Citrus lanatus</i>	P_Eu	0.477	87.31	104.29	44.95	202.26	0.523	343.05	614.86	717.65
vitivini	<i>Vitis vinifera</i>	P_Eu	0.4241	90.1	101.28	36.26	149.99	0.5759	224.02	635.95	1139.35
spiripoly	<i>Spirodela polyrhiza</i>	P_Mo	0.5103	85.58	100.7	40.81	182.13	0.4897	333.62	642.05	816.46
solapenn	<i>Solanum pennellii</i>	P_Eu	0.4443	83.97	99.22	40.5	183.79	0.5557	328.6	664.53	881.04
solatube	<i>Solanum tuberosum</i>	P_Eu	0.4534	84.2	101.53	45.58	205.3	0.5466	375.82	682.39	810.44
nicotome	<i>Nicotiana tomentosiformis</i>	P_Eu	0.4025	86.54	101.71	40.82	176.96	0.5975	331.85	698.91	963.17
chenquin	<i>Chenopodium quinoa</i>	P_Eu	0.4599	87.62	105.21	46.52	200.36	0.5401	355.29	708.38	926.83
nicosylv	<i>Nicotiana sylvestris</i>	P_Eu	0.3971	86.28	101.45	40.76	175.38	0.6029	333.18	717.62	1009.22
betavulg	<i>Beta vulgaris</i>	P_Eu	0.3673	87.91	101.7	37.39	158.81	0.6327	315.82	750.54	1144.51
amarhyop	<i>Amaranthus hypochondriacus</i>	P_Eu	0.3788	84.91	98.02	35.19	169.89	0.6212	408.35	776.81	974.78
ambotric	<i>Amborella trichopoda</i>	P_Am	0.3376	94.47	116.52	59.09	183.92	0.6624	269.51	842.39	1606.72
auxepret	<i>Auxenochlorella protothecoides</i>	P_Ch	0.9356	155.21	178.36	92.05	472.48	0.0644	647.07	846.35	581.54
musaacur	<i>Musa acuminata</i>	P_Mo	0.4944	81.63	99.63	47.22	243.07	0.5056	519.62	930.09	1097.06
phoedact	<i>Phoenix dactylifera</i>	P_Mo	0.5128	85.88	111.75	68.37	337.14	0.4872	664.08	1389.78	1903.97
nelunuci	<i>Nelumbo nucifera</i>	P_Eu	0.4668	90.81	113.39	59.32	260.94	0.5332	398.24	1392.1	2922.38
elaeguin	<i>Elaeis guineensis</i>	P_Mo	0.4879	86.33	110.66	64.02	314.03	0.5121	593.41	1423.45	2198.59
dunasali	<i>Dunaliella salina</i>	P_Ch	0.4483	180.32	353.92	455.3	810.23	0.5517	1121.52	1650.07	1554.88

(G) Protist two components

Specid	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2
blasspec	<i>Blastocystis sp</i>	O_St	0.8734	29.35	30.32	2.58	34.65	0.1266	27.23	28.35	4.45
paratre	<i>Paramoecium tetraurelia</i>	O_AI	0.743	23.41	24.6	3.57	37.23	0.257	41.74	43.69	7.37
sarrpara	<i>Saprolegnia parasitica</i>	O_St	0.8905	46.51	48.2	6.69	58.84	0.1095	31.49	59.9	79.64
blashomi	<i>Blastocystis hominis</i>	O_St	0.8311	30.07	30.84	2.78	35.49	0.1689	18.73	70.77	247.43
theianni	<i>Theileria annulata</i>	O_AI	0.3768	29.64	30.67	2.99	34.9	0.6232	50.43	70.85	55.78
plasbras	<i>Plasmodiophora brassicae</i>	O_Rh	0.969	54.28	56.18	7.57	75.32	0.031	41.29	74	91.28
entadis	<i>Entamoeba dispar</i>	O_Am	0.532	51.02	53.43	9.56	59.04	0.468	57.2	84.82	76.33
pythvexa	<i>Pythium vexans</i>	O_St	0.6242	69	71.92	11.43	77.87	0.3758	46.37	87.73	108.5
phytsoja	<i>Phytophthora sojae</i>	O_St	0.3391	72.14	75.12	11.88	69.9	0.6609	46.58	87.96	108.55
theiparv	<i>Theileria parva</i>	O_AI	0.3104	29.88	30.9	3.05	35.66	0.6896	59.33	88.11	77.4
theiequi	<i>Theileria equi</i>	O_AI	0.7237	33.88	34.68	2.86	39.84	0.2763	42.81	88.12	122.16
pythapha	<i>Pythium aphanidermatum</i>	O_St	0.5712	61.76	63.89	8.46	67.63	0.4288	35.89	88.77	146.7
retifilo	<i>Reticulomyxa filosa</i>	O_Rh	0.1954	26.36	29.05	10.7	39.39	0.8046	76.08	90.37	53.76
entainva	<i>Entamoeba invadens</i>	O_Am	0.2113	44.38	47	10.42	47.5	0.7887	64.99	90.52	74.1
babebige	<i>Babesia bigemina</i>	O_AI	0.683	35.74	36.69	3.1	42.2	0.317	56.04	92.93	99.32
sapridcl	<i>Saprolegnia diclina</i>	O_St	0.9525	45.44	46.99	6.17	62.44	0.0475	38.09	92.94	163.3
phytramo	<i>Phytophthora ramorum</i>	O_St	0.4463	67.92	70.85	11.65	71.63	0.5537	47.26	93.28	121.13
phytinf	<i>Phytophthora infestans</i>	O_St	0.4102	65.02	68.11	12.32	68.94	0.5898	52.88	94.28	110.91
aphainva	<i>Aphanomyces invadans</i>	O_St	0.8762	48.77	51.63	10.02	71.32	0.1238	60.58	94.36	89.11
acancast	<i>Acanthamoeba castellanii</i>	O_Am	0.076	30.28	57.79	73.75	63.88	0.924	80.73	94.45	39.52
phaetric	<i>Phaeodactylum tricornutum</i>	O_St	0.264	34	69.99	96.6	74.79	0.736	75.02	94.74	52.75
pythirre	<i>Pythium irregulare</i>	O_St	0.6586	87.16	91.96	19.08	101.64	0.3414	55.55	97.59	111.13
thalpseb	<i>Thalassiosira pseudonana</i>	O_St	0.5237	81.6	88.61	20.39	91.73	0.4763	56.78	98.65	110.76
theiorie	<i>Theileria orientalis</i>	O_AI	0.3634	29.92	32	5.52	41.39	0.6366	67.96	99.5	88.56
pythulti	<i>Pythium ultimum</i>	O_St	0.7211	80.39	84.57	16.64	97.44	0.2789	47.34	99.99	138.72
entahist	<i>Entamoeba histolytica</i>	O_Am	0.7755	50.61	54.54	12.31	73.78	0.2245	69.44	100.17	84.65
aplakerg	<i>Aplanochytrium kerguelense</i>	O_St	0.9436	50.76	52.93	7.47	73.66	0.0564	56.76	100.56	116.13
babebovi	<i>Babesia bovis</i>	O_AI	0.7474	34.58	35.25	2.41	41.14	0.2526	63.69	101.19	100.21
albugand	<i>Albugo candida</i>	O_St	0.7729	52.43	54.4	7.84	64.97	0.2271	50.64	102.32	136.52
cryptmuri	<i>Cryptosporidium muris</i>	O_AI	0.7413	61.39	69.04	21.38	94.55	0.2587	72.73	109.37	99.41
dictdisc	<i>Dictyostelium discoideum</i>	O_Am	0.0906	48.06	60.21	38.62	73.01	0.9094	84.88	109.99	66.19
pytharrh	<i>Pythium arrhenomanes</i>	O_St	0.416	68.31	70.84	10.03	72.71	0.584	65.92	110.01	118.9
entannut	<i>Entamoeba nuttalli</i>	O_Am	0.8464	50.51	54.82	12.81	82.86	0.1536	78.65	110.89	88.53
phytpara	<i>Phytophthora parasitica</i>	O_St	0.7664	65.3	68.24	11.71	82.14	0.2336	57.44	112.03	143.81
babeequi	<i>Babesia equi</i>	O_AI	0.7245	33.9	34.8	3.02	42.53	0.2755	54.37	114	164.81
naeggrub	<i>Naegleria gruberi</i>	O_He	0.4644	43.42	46.32	8.74	54.27	0.5356	56.85	115.75	157.98
monobrev	<i>Monosiga brevicollis</i>	O_Op	0.0754	57.14	70.09	47.49	76.97	0.9246	91.31	116.12	65.06
hyalarab	<i>Hyaloperonospora arabidopsidis</i>	O_St	0.3279	75.97	80.3	17.23	78.64	0.6721	72.73	116.88	117.1
phytcaps	<i>Phytophthora capsici</i>	O_St	0.9219	64.13	66.85	10.82	89.89	0.0781	70.01	118.24	127.89
thalocea	<i>Thalassiosira oceanica</i>	O_St	0.3007	70.17	73.83	14.57	75.12	0.6993	76.8	121.96	118.46
plavinc	<i>Plasmodium vinckei</i>	O_AI	0.0523	30.45	81.78	184.18	80.94	0.9477	102.84	122.64	54.83
plascab	<i>Plasmodium chabaudi</i>	O_AI	0.0952	56.57	76.19	59.41	84.4	0.9048	101.5	124.37	61.08

choncris	<i>Chondrus crispus</i>	O_Rh	0.7062	79.95	109.16	89.37	154.26	0.2938	99.81	125.68	74.18								
gregniph	<i>Gregarina niphandrodes</i>	O_AI	0.3824	43.5	48.42	19.56	77.02	0.6176	97.71	130.14	85.51								
tertrher	<i>Tetrahymena thermophila</i>	O_AI	0.3106	54.86	56.99	8.48	60.05	0.6894	71.49	130.93	156.01								
acytsubg	<i>Acytostelium subglobosum</i>	O_Am	0.8571	69.85	73.99	15.81	100.79	0.1429	84.71	130.98	121.97								
plasyoel	<i>Plasmodium yoelii</i>	O_AI	0.0725	24.87	71.38	160.53	84.23	0.9275	106.34	133.79	73.26								
nasberg	<i>Plasmodium berghei</i>	O_AI	0.0571	46.42	55.56	34.34	76.42	0.9429	105.93	134.11	75.77								
naegfowl	<i>Naegleria fowleri</i>	O_He	0.4767	53.53	64.23	29	92.95	0.5233	112.25	136.77	83.16								
entamosh	<i>Entamoeba moshkovskii</i>	O_Am	0.7237	45.04	47.25	8.3	64.49	0.2763	87.36	137.03	131.27								
plasreic	<i>Plasmodium reichenowi</i>	O_AI	0.0062	17	31.67	184.93	70.21	0.9938	112.89	140.19	75.57								
guilthet	<i>Guillardia theta</i>	O_Cr	0.6076	47.2	49.01	7.2	59.93	0.3924	94.32	141.31	133.58								
ichtmult	<i>Ichthyophthirius multifiliis</i>	O_AI	0.5472	46.45	50.99	13.73	67.93	0.4528	75.57	141.9	174.45								
pythiway	<i>Pythium iwayamai</i>	O_St	0.6455	78.18	82.37	16.67	96.1	0.3545	83.51	142.06	164.77								
dictfasc	<i>Dictyostelium fasciculatum</i>	O_Am	0.5798	74.56	79.02	17.77	90.94	0.4202	68.67	144.37	198.84								
dictpurp	<i>Dictyostelium purpureum</i>	O_Am	0.6665	70.7	73.92	12.83	87.12	0.3335	69.91	146.43	203.58								
phytlate	<i>Phytophthora lateralis</i>	O_St	0.3672	67.14	70.08	11.7	74.32	0.6328	76.36	151.45	197.09								
phytcin	<i>Phytophthora cinnamomi</i>	O_St	0.9738	71.22	75.94	16.22	128.99	0.0262	61.25	151.84	259.91								
emilhuxl	<i>Emiliana huxleyi</i>	O_Ha	0.2593	70.73	72.66	7.69	74.48	0.7407	92.14	158.88	175.56								
nanngadi	<i>Nannochloropsis gaditana</i>	O_St	0.0479	49.73	53.58	15.31	61.03	0.9521	124.75	159.2	105.08								
perkmari	<i>Perkinsus marinus</i>	O_AI	0.6462	45.63	47.25	6.46	58.07	0.3538	82.98	160.19	202.49								
pseumult	<i>Pseudo-nitzschia multiseriis</i>	O_St	0.0063	40.89	46.01	19.01	67.92	0.9937	118.12	160.34	111.64								
aureanop	<i>Aureococcus anophagefferens</i>	O_St	0.18	51.38	54.45	12.2	54.58	0.82	67.18	160.87	253.94								
fragcyll	<i>Fragilariopsis cylindrus</i>	O_St	0.0044	45.83	78.1	98.06	78.97	0.9956	131.71	163.93	89.96								
polypall	<i>Polysiphonidium pallidum</i>	O_Am	0.5233	73.2	78.01	19.14	90.18	0.4767	76.23	166.14	236.41								
plafalc	<i>Plasmodium falciparum</i>	O_AI	0.8061	115.8	140.08	70.29	220.74	0.1939	66.07	171	284.27								
phytkern	<i>Phytophthora kernoviae</i>	O_St	0.3024	73.57	76.98	13.57	79.77	0.6976	90.37	172.99	216.99								
plascyno	<i>Plasmodium cynomolgi</i>	O_AI	0.1338	39.02	48.41	30.63	90.84	0.8662	145.63	187.12	116.13								
eperfalc	<i>Epermenia falciformis</i>	O_Op	0.0527	56.45	61.33	15.04	83.54	0.9473	139.17	188.94	132.73								
cytafeli	<i>Cytauxzoon felis</i>	O_AI	0.6391	37.16	39.65	7.42	56.74	0.3609	122.45	195.34	210.29								
plasinui	<i>Plasmodium inui</i>	O_AI	0.7995	147.61	164.98	64.77	229.63	0.2005	100.78	197.04	252.47								
auralima	<i>Aurantiochytrium limacinum</i>	O_St	0.2328	77.41	166.55	349.77	110.04	0.7672	112.52	205.29	244.05								
bigenata	<i>Bigelowiella natans</i>	O_Rh	0.4285	73.92	85	44.08	135.13	0.5715	170.79	210.65	115.18								
plaviva	<i>Plasmodium vivax</i>	O_AI	0.8077	139.87	160.92	67.52	239.46	0.1923	101.26	219.01	309.27								
salprose	<i>Salpingoeca rosetta</i>	O_Op	0.9212	197.53	220.48	91.27	367.94	0.0788	100.87	228.76	336.17								
eimemaxi	<i>Eimeria maxima</i>	O_AI	0.3402	142.13	184.48	114.34	173.51	0.6598	173.11	236.79	188.19								
eimeneca	<i>Eimeria necatrix</i>	O_AI	0.4407	138.7	206.73	178.47	207.49	0.5593	172.91	243.82	204.81								
plasknow	<i>Plasmodium knowlesi</i>	O_AI	0.8906	141.54	165.98	75.53	299.38	0.1094	127.05	253	332.21								
eimemiti	<i>Eimeria mitis</i>	O_AI	0.0929	107.92	137.61	78.2	107.68	0.9071	163.59	260.9	260.62								
eimeprae	<i>Eimeria praecox</i>	O_AI	0.201	117.31	152.64	92.68	137.78	0.799	167.67	263.42	257.35								
eimebrun	<i>Eimeria brunetti</i>	O_AI	0.1409	118.97	161.81	112.6	129.63	0.859	170.35	272.52	271.9								
plafrag	<i>Plasmodium fragile</i>	O_AI	0.7347	139.64	153.54	55.31	210.77	0.2653	141.34	282.95	371.46								
fontalba	<i>Fonticola alba</i>	O_Op	0.8526	127.92	146.14	67.13	246.14	0.1474	113.68	290.11	478.13								
albulalb	<i>Albugo laibachii</i>	O_St	0.8839	52.19	54.45	9.02	79.1	0.1161	105.6	298.96	535.47								
aphaasta	<i>Aphanomyces astaci</i>	O_St	0.7854	51.66	58.17	18.75	112.25	0.2146	178.76	306.63	352.81								
vitrbra	<i>Vitrella brassicaformis</i>	O_AI	0.972	74.12	81.49	26.48	195.59	0.028	267.11	313.68	170.49								
capsowcz	<i>Capsaspora owczarzaki</i>	O_Op	0.8432	88.2	99.38	37.3	185.85	0.1568	243.79	361.12	351.18								
sphaarct	<i>Sphaerofорма arctica</i>	O_Op	0.6805	237.27	327.27	282.04	639.12	0.3195	622.35	790.78	478.77								
sarcneur	<i>Sarcocystis neurona3</i>	O_AI	0.214	144.44	315.99	449.99	537.87	0.786	1055.29	1350.46	1056.28								
schiagr	<i>Schizochytrium aggregatum</i>	O_St	0.967	86.9	136.14	132.54	2053.25	0.033	2325.23	3687.76	3793.52								

(H) Metazoan three components

SpeclD	Species	TaxonID	a1	mode1	median1	width1	boder1	a2	mode2	median2	width2	boder2	a3	mode3	median3	width3
bursxylo	<i>Bursaphelenchus xylophilus</i>	M_Ne	0.3532	36.01	38.24	6.83	58.95	0.3661	63.18	82.69	59.56	215.61	0.2807	260.06	425.53	446.44
caenjapo	<i>Caenorhabditis japonica</i>	M_Ne	0.4926	46.63	49.71	9.44	76.03	0.287	131.69	268.73	361.65	766.08	0.2205	957.04	1294.59	1076.07
diphlatu	<i>Diphyllobothrium latum</i>	M_PI	0.1593	34.83	36.51	6.47	46	0.3525	88.38	160.61	189.46	538.96	0.4882	1086.3	1559.68	1432.03
echicana	<i>Echinococcus canadensis</i>	M_PI	0.1395	33.95	36.68	8.55	50.39	0.1616	72.8	75.55	10.92	84.4	0.6989	188.86	489.27	805.68
echicapr	<i>Echinostoma caproni</i>	M_PI	0.1447	38.15	41.07	9.38	47.03	0.3112	56.37	168.45	321.86	640.14	0.544	1197.47	1914.57	2035
echigran	<i>Echinococcus granulosus</i>	M_PI	0.1399	34.15	37.17	9.12	54.66	0.1759	72.84	75.56	10.79	86.34	0.6842	189.12	478.2	778.06
echimult	<i>Echinococcus multilocularis</i>	M_PI	0.1443	33.9	37.12	9.4	57.14	0.1784	72.72	75.46	10.91	87.15	0.6773	189.57	472.02	760.4
hydataen	<i>Hydatigera taeniaeformis</i>	M_PI	0.181	32.88	36.96	10.73	58.05	0.2029	71.84	74.87	12.04	86.19	0.6161	178.62	360.18	476.69
hymedimi	<i>Hymenolepis diminuta</i>	M_PI	0.2361	35.88	38.07	8.2	54.44	0.3254	70.19	74.31	11.93	103.4	0.4385	469.82	874.15	1094.16
hymemicr	<i>Hymenolepis microstoma</i>	M_PI	0.1657	37.02	39.31	8.54	51.57	0.2996	69.97	74.07	11.95	97.13	0.5347	459.15	900.4	1183.85
hymenana	<i>Hymenolepis nana</i>	M_PI	0.2253	35.42	38.19	9.08	59.49	0.303	70.32	74.2	11.81	99.46	0.4717	319.58	672.94	927.47
mesocort	<i>Mesocostoides corti</i>	M_PI	0.1308	33.95	35.4	5.75	44.05	0.1561	72.35	75.74	12.5	86.41	0.7131	232.78	462.84	604.98
protxeno	<i>Protopolystoma xenopodis</i>	M_PI	0.0446	28.93	30.11	3.99	31.88	0.3956	62.39	75.71	46.3	141.88	0.5598	274.52	555.63	737.42
romaculi	<i>Romanomermis culicivorax</i>	M_Ne	0.1266	56.47	58.49	8.03	64.05	0.4527	121.21	300.71	479.84	941.74	0.4206	1261.52	1882.51	1840.61
schisol	<i>Schistocephalus solidus</i>	M_PI	0.0872	33.1	36.23	8.97	40.89	0.4103	66.24	177.12	308.57	736.72	0.5026	1266.52	1904.43	1885.3
schmmedi	<i>Schmidtea mediterranea</i>	M_PI	0.401	45.15	46.94	6.85	51.37	0.3057	31.11	93.29	215.13	748.21	0.2934	1269.96	1999.85	2121.54
spirerir	<i>Spirometra erinaceieuropaei</i>	M_PI	0.1275	35.15	36.92	6.69	43.5	0.4064	71.62	130.1	153.67	504.31	0.4661	1057.54	1563.93	1510.45
taenasia	<i>Taenia asiatica</i>	M_PI	0.1813	34.13	36.26	7.31	49.06	0.1924	72.25	75.3	11.72	85.49	0.6263	175.96	398.37	585.85
taensoli	<i>Taenia solium</i>	M_PI	0.1304	33.7	36.51	8.59	48.24	0.1622	72.87	75.8	11.65	83.73	0.7073	188.26	435.33	650.13
tricroge	<i>Trichobilharzia regenti</i>	M_PI	0.1171	41.85	45.89	16.02	58.33	0.2988	100.92	216.22	302.99	697.7	0.5841	1454.38	2033.15	1798.4

a) Width is defined by $Q(3/4) - Q(1/4)$, where $Q(y)$ denotes y -quantile.

b) Boundary between the i -th and $(i+1)$ -th components, b_i , is defined by the formula: $b_i = Q\left(\sum_{j=1}^i a_j\right)$

Supplementary Table S4. Components of consensus ILD of each cluster.

Cluster	#species	#sample	rRMSE	#component	a1	mode1	median1	width1 ^{a)}	border1 ^{b)}	a2	mode2	median2	width2 ^{a)}	boder2 ^{b)}	a3	mode3	median3	width3 ^{a)}
C1	361	75224	1.43E-04	2	0.6169	52.95	56.74	11.41	66.72	0.3831	53.38	99.84	122.16					
C2	9	39111	1.91E-04	3	0.5441	53.46	55.54	8.19	67.69	0.42	80.87	261.15	536.61	3468.55	0.0359	1694.37	2594.13	2377.8
C3	12	64331	5.41E-04	2	0.7465	46.8	48.59	6.37	54.86	0.2535	37.72	60.55	59.93					
C4	12	66727	1.68E-04	3	0.4401	45.47	46.92	5.29	51.41	0.2597	42.13	74.49	130.73	214.23	0.3002	208	511.21	802.21
C5	2	48738	2.38E-04	3	0.4884	45.34	46.76	5.54	49.57	0.2775	17.39	56.14	206.94	861.49	0.2342	1266.23	2004.97	2143.36
C6	17	63567	1.81E-04	3	0.6393	44.15	46.6	9.45	61.72	0.2492	85.25	105.32	73.28	230.79	0.1115	293.08	498.6	542
C7	2	43807	7.53E-04	3	0.8841	41.92	43.38	5.46	53.9	0.1105	50.04	66.46	48.09	293.61	0.0054	302.36	413.92	297.34
C8	46	66961	1.36E-04	2	0.5707	73.99	78.58	18.24	89.92	0.4293	71.7	133.48	162.2					
C9	12	62605	2.00E-04	2	0.6652	63.89	66.91	11.78	77.15	0.3348	52.04	113	162.87					
C10	43	53317	8.85E-05	3	0.4	59.6	62.79	12.54	77.35	0.3721	84.93	259.98	502.2	1359.4	0.2279	1256.47	2845.05	4251.72
C11	6	35712	4.87E-04	2	0.1044	27.38	30.04	10.51	35.86	0.8956	60.09	83.25	63.67					
C12	21	39475	4.74E-04	1	1	47.62	111.25	177.31										
C13	10	32576	6.07E-04	2	0.5375	31.1	37.59	18.02	58.03	0.4625	63.55	94.25	86.24					
C14	11	66623	1.11E-04	3	0.2197	35.55	37.72	7.52	53.45	0.2316	70.38	73.86	13.16	89.47	0.5486	183.2	454.12	723.84
C15	2	24640	1.32E-03	3	0.5846	36.65	37.79	4.26	43.83	0.3171	52.83	87.8	92.67	314.24	0.0983	345.01	377.96	131.06
C16	3	23628	1.27E-03	3	0.7123	34.12	34.92	2.78	40.75	0.2489	51.2	76.25	66.67	289.23	0.0389	191.61	492.93	886.02
C17	1	45249	1.32E-03	3	0.8996	37.55	38.39	3.16	57.13	0.0912	86.53	95.2	29.71	173.06	0.0091	122.71	396.64	777.71
C18	183	55132	3.84E-05	3	0.0806	82.11	109.06	73.37	148.4	0.1411	213.09	361	405.05	492.4	0.7783	803.08	2055	3380.58
C19	5	66033	7.63E-05	2	0.005	64.93	93.19	83.09	20.94	0.995	427.82	751.33	874.39					
C20	1	87781	2.45E-05	3	0.1388	86.4	130.66	135.67	487.53	0.1519	816.17	1418.83	1607.61	1887.94	0.7093	3222.13	5472.19	6046.68
C21	1	2493	4.34E-04	3	0.1263	54.22	55.92	6.36	62.46	0.2435	79.69	187.24	307.52	698.29	0.6302	1281.52	3580.84	6268.81
C22	11	66619	6.19E-05	2	0.583	354.84	425.37	267.21	502.77	0.417	157.02	504.91	1010.95					
C23	15	67024	6.21E-05	3	0.125	35.17	37.62	8.04	44.44	0.2512	60.93	165.2	292.65	543.98	0.6238	1197.28	1914.73	2035.87
C24	31	57055	1.63E-04	1	1	165.38	246.43	223.92										
C25	33	61410	2.15E-04	2	0.5645	119.44	147.4	79.56	161.9	0.4355	76.29	152.7	200.79					
C26	124	76805	5.05E-05	3	0.2319	82.7	90.39	24.72	116.7	0.1847	156.81	261.38	276.8	262.9	0.5834	277.85	743.03	1248.97
C27	25	45147	1.02E-04	3	0.5223	70.78	76.2	18.24	105.39	0.4457	124.97	445.98	995.05	8046.83	0.032	2237.1	4679.63	6474.48
C28	17	66047	2.30E-04	3	0.675	82.89	89.22	21.39	116.82	0.3244	106.75	251.82	381.24	15715.7	0.0006	1774.09	3549.01	5031.62
C29	2	37579	4.41E-03	2	0.8617	29.87	30.4	2.1	33.75	0.1383	24.96	40.75	42.39					
C30	1	19910	2.09E-02	2	0.0558	21.15	22.7	5.94	27.07	0.9442	26.02	28.16	12.58					
C31	1	74862	1.18E-02	2	0.9989	23.64	24.72	3.49	56.91	0.0011	-270.29	46959.8	218301145					
C32	1	29945	8.26E-03	2	0.9937	20	23.55	27.11	185775	0.0063	20.55	21.92	5.28					

a) Width is defined by $Q(3/4) - Q(1/4)$, where $Q(y)$ denotes y -quantile.

b) Boundary between the i -th and $(i+1)$ -th components, b_i , is defined by the formula:

$$b_i = Q\left(\sum_{j=1,i} a_j\right)$$

Supplementary Table S5. Contingency table between taxonomic clusters and ILD-based clustering

Kingdom	Taxon	Abbr.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29	C30	C31	C32	Sum
Fungi	Ascomycota	As	226	-	4	-	-	6	1	6	2	-	2	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	257
	Basidiomycota	Ba	109	-	4	-	1	-	1	13	3	-	1	1	2	-	-	-	1	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	140
	Glomeromycetes	Gl	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Entomophthoromycete	En	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
	Mucoromycota	Mu	7	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	13	
	Blastocladiomycota	Bl	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Chytridiomycota	Ch	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
	Neocallimastigomycete	Ne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2	
	Cryptomycota	Cr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Animal	Mammal	Mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-	-	-	-	-	-	-	-	-	-	91	
	Bird	Av	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	58	
	Reptile	Rp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
	Amphibia	Am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Sarcopterygii	Sa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Bony Fish	Fs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	24	-	-	-	-	-	26	
	Chordata	Ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-	-	-	3	
	Echinodermata	Ec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Hemichordata	He	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Brachiopoda	Br	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	
	Mollusca	Mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	1	-	-	-	-	-	-	5	
	Annelida	An	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	
	Platyhelminthes	Pl	-	-	-	-	1	-	-	-	-	-	-	1	-	10	-	-	-	-	-	-	-	-	15	-	1	-	-	-	-	-	-	28	
	Nematoda	Ne	4	4	-	11	-	6	-	-	-	14	-	6	-	1	-	-	-	3	-	-	-	-	-	15	2	2	-	-	-	-	-	68	
	Priapulida	Pr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	
	Arthropoda	Ar	1	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	3	-	1	-	-	-	-	1	-	1	-	-	-	-	10	
Insecta	In	-	4	-	1	-	-	-	1	-	28	-	-	-	-	-	-	-	9	-	-	1	2	-	-	-	26	24	2	-	-	-	98		
Cnidaria	Cn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	1	4		
Ctenophora	Ct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1		
Porifera	Po	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Protist	Opisthokonta	Op	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	-	-	2	-	-	-	6		
	Amoebozoa	Am	3	-	-	-	1	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	11		
	Apusomonadidae	Ap	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
	Heterolobosea	He	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
	Haptophyta	Ha	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
	Alveolata	Al	2	-	-	-	2	-	1	-	1	1	5	-	2	3	-	-	1	-	-	4	-	6	11	-	-	-	-	-	1	-	40		
	Heterokonta	St	4	-	3	-	-	-	14	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	2	-	-	33		
Rhizaria	Rh	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4			
Cryptophyta	Cr	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
Plant	Eudicots	Eu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	12	-	-	-	60		
	Monocots	Mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	18		
	Amborellales	Am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1		
	Streptophyta	St	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
	Marchantiopsida	Ma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1		
	Funariales	Fu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1		
	Chlorophyta	Ch	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	4	3	-	-	-	-	-	10		
Bangiophyceae	Ba	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
Sum			361	9	12	12	2	17	2	46	12	43	6	22	10	11	2	3	1	183	5	1	1	11	15	31	33	124	25	17	2	1	1	1	1022