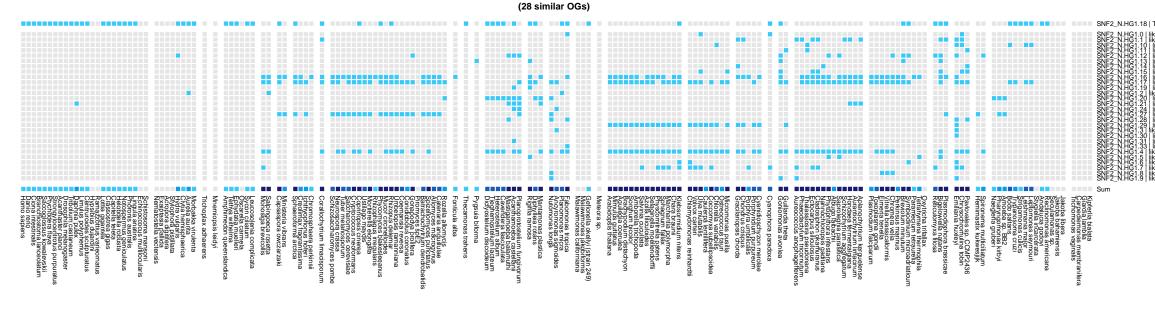
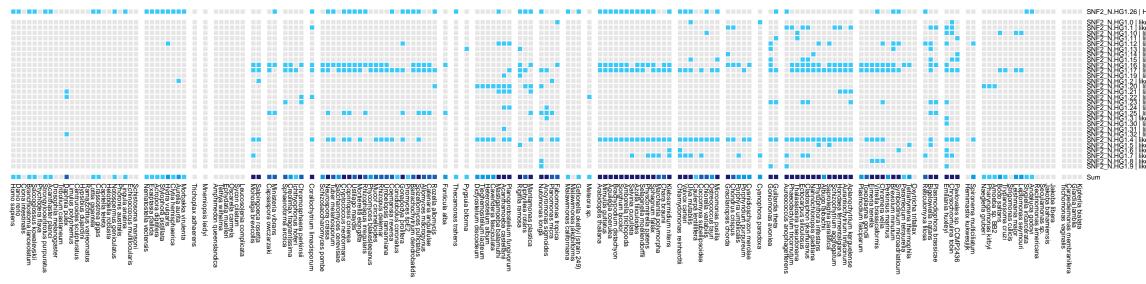
SNF2_N.HG1.18, TTF2



SNF2_N.HG1.26, HLTF (28 similar OGs)



SNF2_N.HG10.1, SHPRH (1 similar OGs)

SNF2_N.HG10.1| SHPRH

			SNF2_N.HG10.0 like:SHPRH
			Sum
Sephingoega roseita Capasayora owazarzaki Sabingoega roseita Monosiga brewnolis Secuco sojienia complicata Oscarella carmela E-bydatia muleiri E-bydatia muleiri E-bydatia muleiri Trichopiax adhaerens Montaska virulenta Amplimetori queenslandica Minemiopisti eidyi Trichopiax adhaerens Montaska virulenta Aurella autita, beerica Hydra hamistis Aurella autita, beerica Hydra hamistis Schiptocara dipitieria Schiptora dipitieria Sch	Beildynic dishardyon Apullada overlean Apullada	Refliction/wat filosas Refliction/wat filosas Poyritcha trifelia, mobilia Beannymenta tere unoblia Beannymenta trifelia Florandia trassiciation Autanitochymium langidejanum Aplanochymium langidejanum Aplanochymium langidejanum Aplanochymium langidejanum Aplanochymium langidejanum Aplanochymium langidejanum Beannymenta langidejanum Cyanochora se vontea Cyanochora se vontea	Kignerlia bialata Kignerlia bialata Carnedemonas membranitera Carnedemonas vaginalis Jaloba Ilbera Jaloba Ilbera Secilmononas vaginalis Secilamonas sericiana Secilmononas varericiana Secilmononas prericiana Secilmononas prericiana Secilmononas prericiana Secilmononas cullicis Secilmononas cullicis Armeetas sericiana Legimnaria malor. Septonena multicialiquim Hemmatsit kutkwesijik Pendvinglas sp. CDAP246 Chrysochromiulina ubrin Emiliania huxley Emerodospo bra b brassicae Boglogophora b rassicae

SNF2_N.HG11.1, BTAF1 (1 similar OGs)

SNF2_N.HG11.1 | BTAF1

		ON ZIMOTA UZ PITE
	-	SNF2_N.HG11.0 like:BTAF1
		Sum
Eppyvatia mwelleri Eppyvatia mwelleri Eppyvatia mwelleri Europa wileria Mneminopsis leidyi Trichoplax adhaerens Mnothaska virulenta Aurelia aurita Aurelia aurita Horiora pistiliata Ecinococoas multilooularis Ec	Arabidopsis thaliana Meteora sp. Gefionella okellyi (strain 249) Malawimoras calibriama Fabomonas tropica Fabomonas Fabomo	Kipferlia bialata Garcial cambranitera Carciademonas membranitera Carciademonas vaginalis Jakoba bibara mensis Svajella libera Lagdomonas vaginalis Svajella infarcierata Svajel

SNF2_N.HG12.0, AC106886.6/EP400/SRCAP (0 similar OGs)

SNF2_N.HG12.0 | AC106886.6/EP400/SRCAP

SNF2_N.HG13.0, INO80 (0 similar OGs)

SNF2_N.HG13.0 | INO80

Gracilariopsis chorda Micromoras pusilla Ostromoras pusilla Chlamydomoras pusilla Ostromoras pusilla Ostromoras pusilla Fabromoras pusilla	Cyanophora paradoxa Cyanidioschyzon merolae Porphyridium pyrpyreum
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SNF2_N.HG2.0, CHD1L (0 similar OGs)

Schistosoma mansoni Echnicoccup multicoularis Lingula anatina Lingula anatina Lingula sutralis Phórnis a sutralis Phórnis australis Crássosirea glasa Crássosirea glasa Crássosirea glasa Crássosirea glasa Crássosirea glasa Physibius glaidrifin runa	Morbakka virulenta Aureila auria Civila hemisphaerica Hydra kulpaka Hydra vulgatilada Skrophord pisillada Skrophord pisillada Skrophord pisilida Rasiphaela pisilida Rasiphaela pisilida Rasiphaela pisilida	Trichoplax adhaerens	Leucosolenia compl Sycon Ciliatum Oscarella carmela Ephydatia muelleri Tettiva wilhelma Amphimedon queen	Salpingoeca rosetta Monosiga brevicollis	Ministeria vibransCapsaspora owczarzaki	Chromosphaera perkinsii Ichthyophonus hoferi Creolimax fragrantissima Sphaeroforma arctica	Corallochytrium limacisporum	Saccharomyces cerevisiae Tuber melańosporum Neurospora crassa Schizosaccharomyces pombe	Mortierellä elongata Ustilago maydis Coprinopsis cinerea Cryptococcus neoformans	Muco Pus Ceremia Mucor circinelloides Phycomyces blakesleeanus Rhizophagus irregularis	Conidiobolus coronatus Coemansia reversa Umbelopsis ramanniana Bhizonis delemar	Spizeloffyces purificatios Batrachochytrium dendrobatidis Piromyces SpE2 Gonapodya prolifera	Rozella allomycis Catenaria anguillulae Allomyces macrogynus	Fonticula alba	Thecamonas trahens	Pygsuia biforma	Planoprotostelium fungivorum Acanthamoeba castellani i Wastigamoeba balamuthi Cavenderia fasoculata Heterostelium album Heghemostelium laceum Dichostelium discondeum	Mantamonas plastica Diphylleia rotans Rigifila ramosa		Aquilégia coerulea Mimulus guttatus Arabidopsis thaliana

SNF2_N.HG2.0 | CHD1L

SNF2_N.HG2.10, SMARCA1/SMARCA5 (7 similar OGs)

					SNF2_N.HG2.10 SMARCA1/SMARCA5 SNF2_N.HG2.12 like:SMARCA1/SMARCA5 SNF2_N.HG2.13 like:SMARCA1/SMARCA5 SNF2_N.HG2.15 like:SMARCA1/SMARCA5 SNF2_N.HG2.15 like:SMARCA1/SMARCA5 SNF2_N.HG2.4 like:SMARCA1/SMARCA5 SNF2_N.HG2.4 like:SMARCA1/SMARCA5 SNF2_N.HG2.8 like:SMARCA1/SMARCA5
Oscariala carmela la l	Agnosciosis (amanima)	Malawimonas calitornana Fabononas tropica Planomonas indica Ancyromonas sigmides Audononas ionga Anaparonas plastica Diplylleia rodans Rigifia Tamosas Thecamonas trahens Fonticula alba Catenaria an Quillulae Aliomyces macrogynus Spizeliomyces, puncatus Bizatonos y Mytamosas Rigifia Tamosas Rigifia Tam	Nanotchloropsis gaditana Cladosiphon opamurans Thusteetkuria iliseutoka na Phasodacylum troconum Aureococcus anophagelferens Guillorda the Gontomonas avonea Cyanotphora paradoxa Cyanotphora paradoxa Cyanotphora paradoxa Cyanotphora paradoxa Cyanotphora paradoxa porphyra umilicalis Gontomonas avonea Cyanotphora paradoxa Cyanotphora paradoxa porphyra umilicalis Gontomonas pusilla Cyatera porphyra umilicalis Gontomonas reinhardii Coccomyva subellipsoidea Ulva mutabilis Charocomira paradomonas reinhardii Rebsormidium nitens formura paradomonas reinhardii Rebsormidium nitens phasomira fila patens Sealgriella mojelendomii Sealgriella mojelendom	Capediemonas membranilera Trichomonas vaginalis Jakoba bilara Jakoba balaramiensis Sequilamonas sp. Sequilamonas sp. Acadimonadas anvericana Sygielia infratroderiaa Sygielia infratroderiaa Sygielia infratroderiaa Sygielia infratroderiaa Sygielia infratroderiaa Lejdomonas seymouni Lejsimnanas culicis Bodos salarins seymouni Lejsimnanas culicis Sygielia infratroderiaa Lejdomonas seymouni Lejsimonas kiribyi Nasigeria puberi Spironema multicilaitum Hemimastik kukwesijik Parlovales sp. COMP2436 Chrysortorouhina ubbin Pilasmodign pratroderia ubbin Pilasmodign pratroderia unimorveria Lejsimodignia pratroderia Symbodinium introveria diarioum Dejkrinsis marjimus Symbodinium introveria Symbodini	Sum Sum Sum Sum Sum Sum Sum Sum Sum Sum

SNF2_N.HG2.3, HELLS (2 similar OGs)

		SNF2_N.HG2.3 HELLS SNF2_N.HG2.2 like:HELLS SNF2_N.HG2.4 like:HELLS/SMARCA1/SMARC)	CA5
chithyuoobdaa rheen chithyuoobdaa rheen chithyaa chithyaa saa saa saa saa saa saa saa saa saa	Sallynia Circulista Sallynia Circulista Sallynia Circulista Sallynia Circulista Sallynia Circulista Sallynoodium distance de la Circulista Sallynoodium distance and minulista guttatus Arabidopisis Malawimonas Indiana Meteora sp. Circulista Sallynia Indiana Indiana Circulista Malawimonas Indiana Indiana Diana Indiana Diana Indiana Diana Indiana	Gordina bialata caracta di ambia di alla di ambia di alla di ambia di alla di ambia di alla di ambia d	
aki aki alia alia alia alia alia alia al	yon Jes Jes Jes Jes Jes Jes Jes Je	branifera strana i i i i i i i i i i i i i i i i i i i	

SNF2_N.HG2.7, SMARCAD1 (5 similar OGs)

SNF2_N.HG3.1, ERCC6L2 (2 similar OGs)

		SNF2_N.HG3.1 ERCC6L2 SNF2_N.HG3.0 like:ERCC6L2 SNF2_N.HG3.6 like:ERCC6L2
Schedule Sch	Kabarao Mahamada Maha	Sum Comparison Comparison
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σ	u dis	ö ∃

SNF2_N.HG3.3, ERCC6 (2 similar OGs)

Cepolimas i regarantisma spinaeriotima arcitica a spinaerio	Chiamyodononas reinnardili Kjetsormidijum nitenis Ghara brajumi Marchantia polymorphia Marchantia	Parlovajes sp. CCMP2436 Chryschronha brassicae Bigelowiella najans Refloulomya lifean Chryschronha brassicae Bigelowiella najans Refloulomya lifean Qxyriticha trifaliax Refloulomya lifean Qxyriticha rifaliax Refloulomya lifean Refloulomya lifean Palamochyritim Reguelense Aplanochyritim Reguelense Aplanochyritim Reguelense Aplanochyritim agglegatum Schrocothyritim agglegatum Aurecocothyritim agglegatum Aurecocothyritim agglegatum Life agglegatum Schrocothyritim agglegatu	Spiretila bialata Gardia lambila Jakoba libera Jakoba labrianiensis J

SNF2_N.HG3.5, ERCC6L (3 similar OGs)

			SNF2_N.HG3.5 ERCC6L SNF2_N.HG3.5 Ike: ERC6E SNF2_N.HG3.5 Ike: ERC6E SNF2_N.HG3.6 Ike: ERC6E Ike:
Mnemiopsis leidyi Trichopiax adhaerens Morjakka virulenta Aurielia aurita Syliobavoilia siliidia Solpistosoma manapoii Echinococosia multicoularis bringulia anatimala Evalipisa anatimala Evalipisa anatimala Evalipisa aurita Echinococosia multicoularis bringulia anatimala Evalipisa aurita Echinococosia multicoularis Bringulia anatimala Leinimocosia solitoria Leinimocosia solitoria Echinococosia surita Leinimocosia solitoria Echinococosia solitoria Echinococosia Leinimocosia solitoria Echinococosia Echinocococosia Echinocococosia Echinocococosia Echinocococococococococococococococococococ	Fonituda a baa Rozalla gilomyilidae Catawaria argytulidae Alomycas madrodynus Soziellomycas purioradus Soziellomycas cerewisae Nucor purioradus Soziellomycas cerewisae Soziellomycas cerewisae Soziellomycas cerewisae Soziellomycas cerewisae Soziellomycas perkinsi Crathyophorus hoferi Crathyophorus hof	Cyanicias, chyzon merolae by hyriother with the site of the polyhyra umb litralia wan condrus crisps as Gracilaropsis chorda Circularopsis Circularop	Cipferila bielala Germanismentera ficipferila bielala Germanismensis Germanismensis Recilinomonas apinalismentera ficipferila bielala Germanismensis Recilinomonas vaginalismensisme

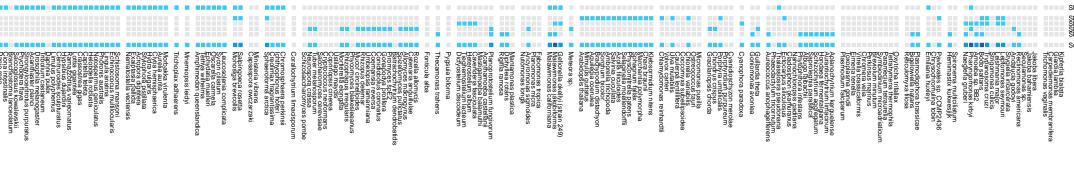
SNF2_N.HG4.0, AC006064.6/CHD3/CHD4/CHD5 (0 similar OGs)

SNF2_N.HG4.0 | AC006064.6/CHD3/CHD4/CHD5

SNF2_N.HG4.6, CHD1/CHD2 (5 similar OGs)

			SNF2_N:HG4.1 like:CHD1/CHD2 SNF2_N:HG4.2 like:CHD1/CHD2 SNF2_N:HG4.4 like:CHD1/CHD2 SNF2_N:HG4.4 like:CHD1/CHD2 SNF2_N:HG4.6 like:CHD1/CHD2
Ministeria vibrans Capsassporta overzarzaki Salpingoeca rosetta Nohrosiga previocitia Secondo reidettim Secondo reidettim Secondo reidettim Secondo reidettim Secondo reidettim Fichopiax achaerens Amemiopsis leidyi Tridnopiax achaerens Amemiopsis leidyi Tridnopiax achaerens Aurelia auriphaerica Aurelia auriphaerica Aurelia auriphaerica Secondo reidettim Copita algistilitat Copita ariatima Copita ariatima Copita ariatima Sehictocoma mascoii Echipocoma dispisilitat Aurolopara dispisilitat Capitalia seletta vedensis Sehictocoma mascoii Echipocoma processionio Echipocoma dispisilitatima Copita ariatima Copita seriatima Copitalia seletta sea Capitalia selett	Meteora sp. Geffonella okellyl (strain 249) Malawimonas calidoritams Malawimonas calidoritams Malawimonas calidoritams Malawimonas calidoritams Malawimonas proper Malawimonas proper Mantanonas proper Mantanona	Vitrella brassicatormis Emeria brasia, vitrella brasis, v	Koplejila biajata Garda jambia membanilera Garda jambia membanilera Garda jambia Jam

SNF2_N.HG5.2, RAD54L2 (4 similar OGs)



SNF2_N.HG5.7, ATRX (6 similar OGs)

			SNF2_N.HG5.7 ATRX SNF2_N.HG5.7 Item ATRX/ SNF2_N.HG5.3 Item ATRX/ SNF2_N.HG5.3 Item ATRX/ SNF2_N.HG5.4 Item ATRX/ SNF2_N.HG5.6 Item ATRX/ SNF2_N.HG5.6 Item ATRX/
leucosolonia complicata Secan cilarum Gecarelia carmela Ephytatia muella Arabopasis elidyi Tichoplax adhaerens Morpakka yriulenta Auriela arurla Auriela arurla Ephytatia pariela Evipasia pariela Evipasia pariela Evalpasia Evalpasia pariela Evalpasia E	The camonas trahens Fonticula a bla Rozalla allomycis Catenaria anguillulae Catenaria anguillulae Catenaria anguillulae Salamposs me arogynus Salamposs reamaniana Rizopus delenia Compadora profilera Rozalda reamaniana Rizopus delenia	Guillardia theta documenta a condition de la c	Griperia balaha Garpediemonas membranitera Garpediemonas membranitera Garpediemonas membranitera Garpediemonas sp. Garpediemonas sp. Jakoba bahamienas sp. Recinomonas americana Sydalisti adodovirati Leisimania major Leisimania muticilajum Hemmastix kukwesijik Paviovales sp. CCMP2436 Chryschoribulina brassicae Emiliania huxileyi Rediculomyxa illiosa Oxytricia trifaliax Rediculomyxa illiosa Oxytricia trifaliax Paraprecium terraurela Bigelowiriam karguelens Rediculomyxa illiosa Oxytricia trifaliax Chrometa veila Symbodinum microadiaatcum Perkinus manukus Chrometa veila Symbodinum hadoparum Aplanochytrium karguelense Chrometa veila Plasinodium magigara Plasinodium magigara Symbodium magigara Symb

SNF2_N.HG6.0, SMARCA2/SMARCA4 (3 similar OGs)

				_ ·
Le imya, wilhelmia Amphimedon queenslandica Amphimedon queenslandica Memiopsis leidyi Trichoplax adhaerens Mortakka vinuleenia Aurielia aurita Neniaostela queen Lingula aratina Neniaostela queen Lingula aratina Lingula ara	CSURIAD UTBYOLS CYNTROCOCUSE IREDITIONS Saccharomyces cerevisiae Liber melancsporum Saltzsacchiannyces pombe Corallochyrium limacisporum Chipmosphane in Derkinsii Chribrokhare in Derkinsii Sphaerdorma arctica Ministeria whansa Sphaerdorma arctica Ministeria whansa Sphaerdorma arctica Ministeria whansa Sphaerdorma arctica Ministeria whansa Sphaerdorma arctica Sphaerdorma arctica Ministeria whansa Sphaerdorma arctica Ministeria whansa Sphaerdorma Ministeria whansa Ministeria whansa Sphaerdorma Ministeria whansa Mini	Geffonella okellyi (stata 249)	Aplancorytrum kejduelense hondres ir dementalijationum Schizodyritum agglegatum Schizodyritum informulum Aureococcus amophageferens Guillardis theta Guillardis around a phyridium purpureum Berphyridium purpureum Berphyridium purpureum Gracifianos pusibles Gracifianos pusibles Gracifianos pusibles Guillardis cristianos Guillardis Gracifianos pusibles Guillardis cristianos Guillardis Gracifianos Guillardis Meistra Schizinia cuculias Guillardis Guillardis Guillardis Guillardis Guillardis Guillardis Guillardis Meistra Schizinia cuculias Guillardis Guillardis Guillardis Guillardis Guillardis Guillardis Meistra Schizinia cuculias Guillardis Guillardis Guillardis Meistra Guillardis Guillardis Guillardis Guillardis Guillardis Meistra Guillardis Guillardis Guillardis Meistra Guillardis Guillardis Guillardis Meistra Guillardis Guillardis Meistra Guillardis Meistra Guillardis Guillardis Guillardis Guillardis Guillard	Appletia bialata Gardia lambila Recipianonas membraniera Tichomoras applatis Sepidamoras sepinericana Andalucia ogoty Sepinericana Sepinericana nuticilatum Heimastik kukwesijik Heimastik

SNF2_N.HG7.8, RAD54B/RAD54L (10 similar OGs)

		SNF2 N HG7 0 like RAD54B RAD54L SNF2 N HG7 1 like RAD54B RAD54L SNF2 N HG7 1 like RAD54B RAD54L SNF2 N HG7 3 like RAD54B RAD54L SNF2 N HG7 3 like RAD54B RAD54L SNF2 N HG7 6 like RAD54B RAD54L
Geffonella deliyi (strain 249) Malawimonas iakdibirimis Malawimonas iakdibirimis Malawimonas iakdibirimis Malawimonas subimimia Pabomonas impicia Pahomonas inginides Nuturomonas inginides Nuturomonas inginides Nuturomonas plastica Palamonas plastica Palamonas plastica Palamonas plastica Palamonas plastica Palamonas plastica Palamonas inginides Palamonas inginides Palamonas inginides Pygsula biforma Pygsula bifo	perintsus maintus perintsus maintus trimenta veite la comis termenta teneila la comis termenta della comis termenta la comis terme	Kgrierija biajata Kgrierija biajata Kgrierija biajata Cgriddi amovis Tichomoras vaginalis Seculationas samentirana Jakoba berajensis Seculationas samentirana Sandaluda godori Seculationas samentirana Sandaluda godori Jakoba berajensis Seculationas samentirana Sandaluda godori Serigonoras culicis Serigonoras culicis Berajarastoria cruzi Dangarastoria Dangaras

SNF2_N.HG8.1, CHD6/CHD7/CHD8/CHD9 (1 similar OGs)

SNF2_N.HG8.1 | CHD6/CHD7/CHD8/CHD9

SNF2_N.HG9.2, SMARCAL1/ZRANB3 (4 similar OGs)

SNF2_N.HG9.2 | SMARCAL1/ZRANB3

							•••••
Civila heimisphaerica Hydra Vulgaris Hydra Vulgaris Sylophoda pisjillata Sylophoda pisjillata Sylophoda pisjillata Sylophoda yalilata Calassis rea gigas Calassis rea	Öseardik carimela Epiydarila mueleri Amplineria Amplineria upeenslandica Mnemiopsis leidyi Trichoplax adhaerens Monbaksa yirulenta	Siler gall	Bellaminus (ACE) Lucius (ACE) Gonaldodus coronatus Conidodus coronatus Purcomyces blakesieanus Purcomyces blakesieanus Purcomyces blakesieanus Purcomyces blakesieanus Purcomyces polatesia Conidodus coronatus Conidodus coronatus Sachratoromyces corenistas Sachratoromyces corenistas Sachratoromyces corenistas Sachratoromyces pombe Corallochyritum limadisporum	Heiterostellum ladeum Heiterostellum ladeum Dictyostellum discodeum Pygsula biforma Thecamonas trahens Fonticula alba Fonticul	Gefforella okelly (strain 249) Gefforella okelly (strain 249) Malawinnovas ladohiormis Malawinnovas calibrirana Fabonovas roicia Fabonovas roicia Fabonovas roicia Anoyomovas signiodes Mutomovas longa Mantamovas plastica Diphyllea roicia Righta armosa Righta armosa Planoprobastelium fungivorum Acantamovas castellarii Jela sugarnoe ba calarium Jela sugarnoe ba calarium	wilcinnotas pusini Ostegapozous Jajin Ostegapozous Jajin Ostegapozous Jajin Ostegapozous Jajin Ostegapozous Jajin Ostegapozous Jajin Uka mutabilis Vohox Carteri Vohox Carteri Orana brauni Klebsornidym nitens Klebsornidym nitens Klebsornidym nitens Klebsornidym nitens Ozara brauni Klebsornidym nitens Ozara brauni Klebsornidym nitens Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas Sapinia cucululas	Aplancotyritim Reguleina Aplancotyritim Reguleina Aplancotyritim Reguleina Schrzochyritim inflaciorum Hondese itermentalgana Schrzochyritim agglegatum Schrzochyritim agglegatum Aplanco Rebudo Reguleina Schrzochyritim agglegatum Schrzochyritim agglegatum Schrzochyritim Schrzochyritim Reguleina Schrzochyritim Reguleina Schrzochyritim Reguleina Schrzochyritim Reguleina Regulei