

# Filogenetski odnosi unutar roda *Aurinia* Desv. (Brassicaceae) utvrđeni analizom regije ndhF kloroplastne DNA

---

**Bartolić, Paolo**

**Master's thesis / Diplomski rad**

**2019**

*Degree Grantor / Ustanova koja je dodijelila akademski / stručni stupanj:* **University of Zagreb, Faculty of Science / Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet**

*Permanent link / Trajna poveznica:* <https://um.nsk.hr/um:nbn:hr:217:360444>

*Rights / Prava:* [In copyright](#)/[Zaštićeno autorskim pravom.](#)

*Download date / Datum preuzimanja:* **2024-08-18**



*Repository / Repozitorij:*

[Repository of the Faculty of Science - University of Zagreb](#)



Sveučilište u Zagrebu  
Prirodoslovno-matematički fakultet  
Biološki odsjek

Paolo Bartolić

**Filogenetski odnosi unutar roda *Aurinia* Desv.  
(Brassicaceae) utvrđeni analizom regije *ndhF* kloroplastne  
DNA**

Diplomski rad

Zagreb, 2019.

Ovaj rad je izrađen na Botaničkom zavodu Biološkog odsjeka Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu pod vodstvom prof. dr. sc Zlatka Libera i neposrednim vodstvom dr. sc Ivane Rešetnik. Rad je predan na ocjenu Biološkom odsjeku Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu radi stjecanja zvanja magistra Eksperimentalne biologije.

Ovom prilikom zahvaljujem se svom voditelju prof. dr. sc. Zlatku Liberu i neposrednoj voditeljici dr. sc. Ivani Rešetnik na trudu, vremenu i savjetima te na pruženoj prilici da uđem u svijet filogenije i botanike. Zahvaljujem se prof. Mariji Pavletić i prof. Dušici Dorčić koje su mi kroz osnovnu i srednju školu usadile ljubav prema biologiji. Zahvaljujem se i svojoj obitelji bez čije podrške ništa od ovog ne bi bilo moguće.

## TEMELJNA DOKUMENTACIJSKA KARTICA

---

Sveučilište u Zagrebu  
Prirodoslovno-matematički fakultet  
Biološki odsjek

Diplomski rad

### **FILOGENETSKI ODNOSI UNUTAR RODA *Aurinia* Desv. (BRASSICACEAE) UTVRĐENI ANALIZOM *ndhF* REGIJE KLOROPLASTNE DNA**

Paolo Bartolić  
Rooseveltova trg 6, 10000 Zagreb, Hrvatska

*Aurinia* Desv. je rod unutar tribusa *Alysseae* (Brassicaceae) rasprostranjen poglavito na Balkanskom i Apeninskom poluotoku. Vrste roda *Aurinia* su višegodišnje biljke s pokrovom od zvjezdasto razgranjenih dlaka, listovima rozete izveruganog ili zupčastog ruba, uspravnih stabljika te grozdastim cvatovima sastavljenim od cvjetova isključivo žute boje. Cilj ovog diplomskog rada je bio odrediti srodstvene odnose unutar roda *Aurinia* usporedbom sekvenci kodirajuće regije *ndhF* kloroplastne DNA. Iz sakupljenih uzoraka lisnog tkiva, a koji su još na terenu osušeni u vrećicama sa silika-gelom, izolirana je ukupna stanična DNA. Regija *ndhF* kloroplastne DNA je umnožena lančanom reakcijom polimerazom (PCR), pročišćena i sekvencirana. Filogenetske analize (Bayesovska i metoda maksimalne štedljivosti) i analiza haplotipova potvrdile su monofiliju roda pri čemu su se svi analizirani uzorci grupirali u tri skupine u skladu s geografskim položajem, a ne s dosadašnjom taksonomijom. Vrsta *A. saxatilis* je bila genetički najraznolikija dok su amfi-jadranske vrste *A. leucadea* i *A. sinuata* bile genetički najrodnije. Grčki endemi, *A. gionae* i *A. moreana*, su toliko srodni s vrstom *A. saxatilis* da ne zaslužuju taksonomski rang zasebnih vrsta. Genetska raznolikost vrsta *A. corymbosa* i *A. petraea* ukazuje na to da su one preživjele pleistocenske klimatske oscilacije u više neovisnih mikrorefugija.

(41 stranica, 5 slika, 3 tablice, 56 literaturnih navoda, jezik izvornika: hrvatski)

Rad je pohranjen u Središnjoj biološkoj knjižnici

Ključne riječi: *Aurinia*, Brassicaceae, phylogeny, *ndhF*.

Voditelj: Zlatko Liber, prof. dr. sc.

Neposredni voditelj: Ivana Rešetnik, dr. sc.

Ocjenitelji: Zlatko Liber, prof. dr. sc.  
Biljana Balen, prof. dr. sc.  
Goran Kovačević, prof. dr. sc.

Rad prihvaćen:  
5.9.2019

## BASIC DOCUMENTATION CARD

---

University of Zagreb  
Faculty of Science  
Division of Biology

Graduation Thesis

### **PHYLOGENETIC RELATIONSHIPS WITHIN GENUS *Aurinia* Desv. (Brassicaceae) INFERRED FROM CHLOROPLAST *ndhF* SEQUENCE DATA**

Paolo Bartolić

Rooseveltovej trg 6, 10000 Zagreb, Croatia

*Aurinia* Desv. is a genus within the tribus *Alysseae* (Brassicaceae), distributed mainly in the Balkan and Apennine Peninsula. Species of this genus are perennial plants with an indumentum of stellate hairs, sinuate or dentate rosette leaves, grooved stems with thickening bases, and raceme inflorescences composed of exclusively yellow flowers. The aim of this thesis was to determine the relationships within the genus *Aurinia* by comparing the sequences of the *ndhF* region of chloroplast DNA. Total cellular DNA was isolated from the collected tissue samples, which were dried immediately in the field using plastic bags filled with silica-gel. The *ndhF* region of chloroplast DNA was amplified by polymerase chain reaction, purified and sequenced. Phylogenetic analyses (Bayesian and Maximum Parsimony methods) and haplotype network confirmed the monophyly of the genus, while all the analysed samples were grouped into three groups according to geographical location, not the current taxonomy. The species *A. saxatilis* was genetically most diverse, while the amphi-Adriatic species *A. leucadea* and *A. sinuata* were genetically the most related. The Greek endemic species, *A. moreana* and *A. gionae*, have proven to be so closely related to *A. saxatilis* that they do not deserve the taxonomic rank of separate species. The genetic diversity of the species *A. corymbosa* and *A. petraea* indicated that they survived Pleistocene climate oscillations in multiple independent microrefugia.

(41 pages, 5 figures, 3 tables, 56 references, original in Croatian)

Thesis deposited in the Central Biological Library

Key words: *Aurinia*, Brassicaceae, phylogeny, *ndhF*.

Supervisor: Zlatko Liber, prof. dr. sc.

Assistant Supervisor: Ivana Rešetnik, dr. sc.

Reviewers: Zlatko Liber, prof. dr. sc.

Biljana Balen, prof. dr. sc.

Goran Kovačević, prof. dr. sc.

Thesis accepted: 5.9.2019

# Sadržaj

UVOD .....	1
Opće značajke roda <i>Aurinia</i> .....	1
Taksonomska problematika roda <i>Aurinia</i> .....	5
Molekularna sistematika biljaka .....	7
Regija <i>ndhF</i> kloroplastne DNA.....	10
Ciljevi rada.....	12
MATERIJALI I METODE .....	13
Biljni materijal .....	13
Izolacija DNA .....	13
Umnožavanje regije <i>ndhF</i> kloroplastne DNA lančanom reakcijom polimerazom .....	15
Automatsko sekvenciranje .....	17
Filogenetska analiza.....	18
Filogeografska mreža haplotipova .....	18
Metoda maksimalne štedljivosti.....	18
Bayesovska filogenetska analiza.....	19
REZULTATI.....	20
Filogeografska mreža haplotipova .....	20
Maksimalna štedljivost .....	24
Bayesovska filogenetska analiza.....	27
RASPRAVA .....	29
<i>A. saxatilis</i> .....	30
<i>A. gionae</i> i <i>A. moreana</i> .....	31
<i>A. corymbosa</i> i <i>A. petraea</i> .....	32
<i>A. leucadea</i> i <i>A. sinuata</i> .....	33
ZAKLJUČAK .....	34
LITERATURA .....	35
PRILOZI .....	41

# UVOD

## Opće značajke roda *Aurinia*

Porodica Brassicaceae (hrv. krstašice) sastoji se od 321 roda i 3660 vrsta (Al-Shehbaz 2012) od kojih su mnoge vrste važne i zanimljive čovjeku. Ekonomska važnost porodice ponajviše se veže uz vrste roda *Brassica* čiji se mnogobrojni kultivari uzgajaju diljem svijeta bilo kao povrće ili kao krmne biljke. Ovoj porodici pripada i vrsta *Arabidopsis thaliana* (L.) Heynh, modelni organizam u molekularnoj biologiji i genetici te prva biljna vrsta čiji je genom u potpunosti sekvenciran. S 272 svojte i 29 endema porodica krstašica predstavlja četvrtu najveću porodicu unutar flore Hrvatske, a unutar nje je i stenoendemični monotipski rod *Degenia* (FCD, Nikolić i sur. 2015). Porodica je u nekoliko pokušaja dijeljena u tribuse (von Hayek 1911, Schulz 1936, Janchen 1942, Avetisian 1983), međutim dokazano je da tribusi, koji su predloženi na morfološkim karakteristikama ponajviše se bazirajući na oblik ploda, nisu monofiletski (Al-Shehbaz i sur. 2006). Glavna teškoća u taksonomiji unutar porodice Brassicaceae je izrazita konvergencija koja zahvaća većinu morfoloških karakteristika upotrebljenih u determinaciji (Al-Shehbaz 2012). Razvoj molekularnih metoda za utvrđivanje filogenetskih odnosa između raznovrsnih taksonomskih razina doveo je do povećanog interesa za rješavanje problema taksonomije porodice Brassicaceae, kako na višim taksonomskim razinama tribusa tako i na nižim razinama kao što su rodovi (Rešetnik i sur. 2013). Jedan od najvećih tribusa unutar ove porodice je tribus *Alysseae* koji sada obuhvaća 24 roda i 277 vrsta rasprostranjenih većinom u Europi i Aziji. Većina vrsta pripada rodu *Alyssum* dok su ostali rodovi *Odontarrhena* s 87 vrsta, *Hormathophylla* s 11 vrsta, *Bornmuellera* i *Clypeola* s devet vrsta, *Aurinia* i *Meniocus* sa sedam vrsta, *Berteroa* i *Irania* s pet vrsta, *Fibigia* i *Galitzkya* s tri vrste, *Clastopus*, *Cuprella*, *Phyllolepidum* i *Physoptychis* s dvije vrste te *Acuston*, *Alyssoides*, *Brachypus*, *Degenia*, *Lepidotrichum*, *Lutzia*, *Pterygostemon*, *Resetnikia* i *Takhtajaniella* s jednom vrstom (Španiel i sur. 2015). Morfološke osobine tribusa su zeljasto ili polugrmovito tijelo, gusto pokriveno većinom zvjezdastim ili rašljastim dlakama, žuti ili bijeli (rijetko ružičast) vjenčić, filamenti koji su većinom okriljeni, nazubljeni ili posjeduju druge nastavke, spljoštena ili napuhana komuščica s malim brojem sjemenki koje su većinom okriljene te osam kromosoma u haploidnim stanicama (Rešetnik i sur. 2013).



Vrste roda *Aurinia* su višegodišnje biljke, više ili manje drvenaste pri bazi stabljike te na svojoj površini imaju dlakavi pokrov sačinjen od zvjezdastih, razgranjenih ili ljuskavih dlaka. Bazalni listovi su veći od stabljičnih te su im peteljke odebljelih baza izbrazdane na gornjoj površini. Cvjetne stapke većinom su smještene aksilarno te nose okruglaste cvatove. Lapovi su uspravno-stršeći, nisu vrećasti pri bazi dok su latice žute, izrubljene do dvočjepane, ponekad cjelovite. Filamenti nisu okriljeni niti nazubljeni, imaju maleni, gotovo okruglasti privjesak pri bazi. Tučak se sastoji od kratkog vrata i glavičaste njuške. Plod je okruglasta ili eliptična komuščica, spljoštena ili sa zaklopcima u sredini ispupčenim, a prema rubu stisnutim. U svakoj komuščici nalazi se do 8 sjemenki koje su većinom okriljene (Akeroyd 1993).



**Slika 1.** *Aurinia leucadea* (Guss.) K. Koch

Rod *Aurinia* opisao je 1815. godine Nicaise Auguste Desvaux (Desvaux 1815), ali su ga autori nerijetko svrstavali kao sekciju unutar roda *Alyssum* (Koch 1836, Schulz 1936, Savulescu 1955, Pignatti 1982). Prvi koji ga je ponovno izdvojio kao zaseban rod bio je Dudley (1964) na temelju sljedećih morfoloških osobina: listovi u rozeti uglavnom izveruganog ili zupčastog ruba s peteljka odeblijale baze koje ostaju na izdanku (rod *Aurinia*) vs. cjeloviti listovi neodebljalih baza peteljki koje ne ostaju na izdanku (rod *Alyssum*), stabljični listovi barem upola kraći od listova u rozeti vs. stabljični listovi i listovi u rozeti uglavnom iste veličine, rašireni vs. uspravni lapovi te njuška tučka s dva režnja vs. cjelovita njuška. Dudley također navodi kako je rod *Aurinia* u bliskom srodstvu s rodnom *Berteroa* što potvrđuju i filogenetska istraživanja (Warwick i sur. 2008, Rešetnik 2011, Rešetnik i sur. 2013) u kojima su rodovi *Aurinia*, *Berteroa* i *Galitzkya* formirali dobro podržanu filogenetsku granu unutar tribusa *Alysseae*.

U najnovijim klasifikacijama rod *Aurinia* sadrži sedam vrsta, isključivo žutih cvjetova, rasprostranjenih poglavito na Balkanskom i Apeninskom poluotoku:

1. *Aurinia corymbosa* Griseb.-duljina stabljike iznosi 20 do 50 cm, a cijelu površinu biljke prekrivaju dlake koje su razgranate ili zvjezdaste. Bazalni listovi su duguljasto suličasti ili naopako jajasti, cjeloviti ili izverugani i zupčasti. Cvat je u obliku gronje. Lapovi su dugački od 1.5 do 2.5 mm dok je duljina latica u prosjeku 4 mm te su dvocjepane i žute boje. Vrat tučka je dugačak 1 do 2 mm. Komuščica je dugačka od 3.5 do 5.5 mm, okruglasta do eliptično-okruglasta i gola sa zaklopcima koji su izrazito napuhani. Duljina sjemenki je od 1.7 do 2.5 mm te ih ima od 2 do 4 u svakom pretincu komuščice. Krilce sjemenke je od 0.2 do 0.5 mm široko.  $2n = 16$ .
2. *A. gionae* (Quézel & Contandr.) Greuter & Burdet-kao i *Aurinia corymbosa* Griseb. ali su bazalni listovi dulji, duguljasto suličasti do linearno suličasti. Cvat je više-manje metličast s laticama duljine od 4 do 5.5 mm. Komuščica je dugačka od 6 do 13 mm dok su sjemenke duljine od 3 do 4.5 mm te ih ima od 2 do 6 u svakom pretincu komuščice. Krilce sjemenke je od 0.2 do 1 mm široko.  $2n = 16$ .

3. *A. leucadea* (Guss.) K. Koch-visina biljke je od 10 do 40 cm, stabljika je uobičajeno drvenasta pri bazi te je površina biljke prekrivena zvjezdastim dlakama. Bazalni listovi su duguljasto suličasti, cjeloviti ili izverugani i zupčasti. Cvat je grozdast, lapovi su duljine od 2.5 do 3.5 mm, a latice 5 do 6 mm, duboko izrubljene i žute. Vrat tučka je dugačak od 1 do 2 mm. Komuščica je dugačka 7 do 10 mm, okruglasta ili jajasto okruglasta i gola s napuhanim zaklopcima. Sjemenke su duljine od 3 do 4 mm, te ih ima od 4 do 6 u svakom pretincu komuščice. Krilce sjemenke je od 0.5 do 0.7 mm široko.  $2n = 16$ .
  
4. *A. moreana* Tzanoud. & Iatroú-posjeduje izrazito drvenasti zbiti donji dio biljke s bazalnim listovima koji su duguljasto suličasti do lopatasti, cjeloviti ili neznatno izverugani te sivkasto-zelene boje. Stabljika je nerazgranjena, duljine do 12 cm te nosi cvatove u obliku jednostavnih grozdova. Vrat tučka dugačak je od 0.3 do 0.8 mm. Duljina komuščice je od 3.5 do 6 mm, a širina od 2.5 do 5 mm, u većini slučajeva duljina je veća od širine te je zaobljena pri vrhu. U svakom pretincu komuščice nalazi se od 3 do 6 sjemenki.  $2n = 16$ .
  
5. *A. petraea* (Ard.) Schur (uključujući *A. microcarpa* (Vis.) Greuter & Burdet)-duljina stabljike je od 15 do 60 cm te je površina biljke prekrivena dlakama koje su razgranjene ili više-manje zvjezdaste. Bazalni listovi su naopakojajasti do duguljasti, izverugani ili perasto rascijepljeni. Cvat je grozdast s lapovima dugačkim otprilike 2 mm i laticama duljine od 4 do 4.5 mm koje su žute s dvocjepanim vrhom. Vrat tučka je dugačak od 1 do 1.5 mm. Komuščica je dugačka od 3 do 5 mm, eliptična do naopako jajasta, gola sa zaklopcima koji su napuhani, ali sa uskim spljoštenim rubom. Sjemenke su duljine od 1.5 do 1.8 mm te ih ima po dvije u svakom pretincu komuščice. Krilce sjemenke je od 0.1 do 0.3 mm široko.  $2n = 16$ .

6. *A. saxatilis* (L.) Desv.-površina biljke prekrivena je zvjezdastim dlakama, visina same biljke je od 10 do 50 cm te je stabljika često drvenasta pri bazi. Bazalni listovi su naopako jajasti do duguljasto suličasti, izveruganii perasto rascijepljeni do cjeloviti. Cvat je u obliku gronje s lapovima duljine 2 do 4 mm i žutim laticama duljine od 3 do 8 mm koje su izrubljene ili dvocjepane. Komuščica je gola sa zaklopcima koji su skoro ravni. Sjemenke su dugačke od 2 do 2.7 mm te ih ima po dvije u svakom pretincu. Krilce sjemenke je od 0.3 do 1.1 mm široko.  $2n = 16$ .
  
7. *A. sinuata* (L.) Griseb.-duljina stabljike iznosi od 15 do 50 cm, drvenasta pri bazi te je površina prekrivena dlakama. Listovi suličasti do duguljasto suličasti, bazalni listovi izverugani i zupčasti. Lapovi su duljine 3 do 4 mm, a latice 5 do 8 mm, izrubljene i blijedo žute. Komuščica je dugačka 7 do 12 mm, okruglasta ili elipsoidna sa vrlo napuhanim zaklopcima. Sjemenke su većinom okriljene te ih ima 4 do 8 u svakom pretincu komuščice

### **Taksonomska problematika roda *Aurinia***

Dosadašnja saznanja o filogenetskom položaju roda *Aurinia* dobivena su na temelju rezultata molekularnih istraživanja tribusa *Alysseae* (Warwick 2008, Rešetnik 2011, Rešetnik i sur. 2013). U istraživanju Warwick iz 2008. provedena je analiza jezgrinih regija ITS (engl. *Internal Transcribed Spacer*) 85 svojti, među njima dvije jedinice vrste *Aurinia saxatilis*, kako bi se utvrdio opseg tribusa kao i filogenetski položaj tribusa unutar porodice Brassicaceae. Rezultati su potvrdili postojanje tribusa *Alysseae* s. s. koji se sastoji od 12 rodova (*Alyssoides*, *Alyssum*, *Aurinia*, *Berteroa*, *Bornmuellera*, *Clastopus*, *Clypeola*, *Degenia*, *Fibigia*, *Galitzkya*, *Hormathophylla*, i *Physoptychis*). Šest dobro podržanih filogenetskih ogranaka formirali su se unutar filogenetske grane *Alysseae* uključujući dva *Alyssum* ogranka, *Alyssoides* (uključuje rodove *Alyssoides*, *Bornmuellera*, *Clastopus*, *Degenia*, *Fibigia*, *Hormathophylla* i *Physoptychis*), *Bornmuellera*, *Hormathophylla* te *Berteroa* filogenetskog ogranka pri čemu se posljednji sastoji od rodova *Aurinia*, *Berteroa* i *Galitzkya*. U istraživanju Rešetnik iz 2011. cilj je bio utvrditi filogenetske odnose unutar tribusa, opseg samog tribusa kao i njegov filogenetski položaj unutar

porodice Brassicaceae. Rezultati analiza regija ITS te regija *ndhF* i *trnL-trnF* kloroplastne DNA za 351 uzorak pokazali su kako je tribus *Alysseae* monofiletski te sadrži 14 rodova (*Alyssoides*, *Alyssum*, *Aurinia*, *Berteroa*, *Bornmuellera*, *Clastopus*, *Clypeola*, *Degenia*, *Fibigia*, *Galitzkya*, *Hormathophylla*, *Lepidotrichum*, *Phyllolepidum* i *Physoptychis*), rodovi *Lobularia* i *Farsetia* isključeni su iz tribusa *Alysseae* i priključeni tribusu *Anastaticaceae*, rod *Ptilotrichum* priključen je tribusu *Arabideae*, rod *Didymophysa* priključen je tribusu *Thlaspidaceae*, dok položaj roda *Asperuginoides* nije razjašnjen. Unutar tribusa *Alysseae* javljaju se četiri dobro podržane skupine među kojima je i skupina *Aurinia*-*Berteroa* koja je dobro podržana u svim filogenetskim analizama i uvijek sadrži rodove *Aurinia*, *Berteroa* i *Galitzkya* koji su se, s većinom pripadajućih vrsta, također odvojili u dobro podržane grane. Po Dudleyjevom opisu (1964) rod *Aurinia* je polifiletski te su nedavna istraživanja temeljena na analizama regije ITS i morfološkim analizama dlaka pomoću skenirajućeg ili pretražnog elektronskog (SEM) mikroskopa (Cecchi 2011) te regija ITS i regija *ndhF* i *trnL-trnF* kloroplastne DNA (Rešetnik i sur. 2013) dovela do isključenja dviju svojti iz roda. *Aurinia rupestris* s. l. (syn. *Ptilotrichium rupestre* s. l.), koja se morfološki razlikuje od ostalih vrsta roda *Aurinia* (jednostavni grozdasti cvatovi vs. razgranati cvatovi, jednostavni vs. okriljeni filamenti, cjeloviti vs. izverugani ili zupčasti rubovi listova rozete, uglavnom sjedeće zvjezdaste dlake s 24-33 zraka vs. uzdignute zvjezdaste dlake s 8-16 zraka, bijele vs. žute latice), izdvojena je u zasebni rod *Phyllolepidum* Trinajstić, sestrinski rodu *Bornmuellera* (Al-Shehbaz 2012, Cecchi 2011, Rešetnik 2011). Za rijetku endemičnu psamofitsku svojtu sa zapadnih obala Crnog Mora, *Aurinia uechtritiziana* (široki, razgranati cvatovi sa ponekim listom, debele, blagookruglasto napuhane, biovulatne komuške, bijeli cvjetovi i latice rascjepane na dva djela) također je potvrđeno (Cecchi 2011, Rešetnik 2011, Rešetnik i sur. 2013) da spada u zaseban rod *Lepidotrichium*, sestrinski rodu *Bornmuellera*, kao što je to predložio Velenovsky (1889). Što se tiče filogenetskih veza unutar samoga roda *Aurinia*, rezultati ITS analiza za *A. saxatilis* pokazuju grupiranje uzoraka s različitih lokaliteta, međutim unutar ove skupine postoji velika raznolikost. Oba grčka endema *A. moreana* i *A. gionae* svrstale su se u skupinu *A. saxatilis* kako po ITS podacima tako i podacima kloroplastne DNA što ukazuje na njihovu blisku srodnost (Rešetnik 2011, Rešetnik i sur. 2013). Filogenetski položaj vrsta *A. petraea* i *A. corymbosa* nije u potpunosti jasan na temelju dosadašnjih istraživanja (Rešetnik 2011, Rešetnik i sur. 2013) no za sada su opisane kao zasebne vrste uključujući svojtu *A. microcarpa* unutar vrste *A. petraea* (Akeroyd 1993). *A. leucadea* je obalna psamofitska vrsta

okojadranske rasprostranjenosti, čiji je *locus classicus* Capo di Leuca (Italija), a taksonomski se dijeli na četiri podvrste: tipična podvrsta subsp. *leucadea* (istočna obala Italije i obale Hrvatske), subsp. *scopulorum* (Vis, Palagruža, Kamik, Svetac, Jabuka), subsp. *diomedea* (Tremitski otoci) i subsp. *media* (Istra i Kvarnerski otoci). Vrsta *A. sinuata* ima nešto veći areal i prilagođena je na raznovrsnija staništa (Rešetnik 2011). Odnosi između svojti roda *Aurinia* nisu u potpunosti razjašnjeni zbog nepodudarnosti između podataka jezgrine i kloroplastne DNA. Štoviše, samo u ITS stablima filogenetske grane se donekle podudaraju sa sadašnjom taksonomskom podjelom dok se u kloroplastnim analizama svojte odvajaju u geografski definirane filogenetske grane (Rešetnik i sur. 2013).

## **Molekularna sistematika biljaka**

Molekularna filogenija upotrebljava podatke o primarnoj strukturi molekula DNA, RNA i proteina kako bi dobila informacije o srodstvenim odnosima među organizmima. Rezultati istraživanja molekularne filogenije se obično prikazuju filogenetskim stablima. O molekularnoj sistematici govorimo onda kada rezultate molekularne filogenije upotrebimo za utvrđivanje taksonomskih odnosa među svojtima te za izradu klasifikacijskih sustava. Koncept molekularne filogenije i sistematike se temelji na pretpostavci da je razlika u primarnoj strukturi između makromolekula dvije svojte proporcionalna vremenu koje su te dvije svojte provele kao zasebne svojte. Danas se za utvrđivanje srodstvenih odnosa najčešće istražuju i uspoređuju razlike u primarnoj građi molekula DNA. Danas su najčešće metode istraživanja molekula DNA za potrebe biljne sistematike AFLP metoda (engl. *Amplified Fragment Length Polymorphism*) i različiti oblici određivanja primarne strukture DNA poznati pod nazivom sekvenciranje DNA (npr. automatsko Sangerovo sekvenciranje te različita sekvenciranja nove generacije ili NGS sekvenciranja (engl. *Next Generation Sequencing*). Sekvenciranjem DNA određuje se sastav i redosljed nukleotida (A, T, G, C) u nekoj sekvenci DNA, a veličina sekvence je obično nekakav gen, intergenska regija te u novije vrijeme kompletni genom. AFLP metoda se obično upotrebljava za utvrđivanje srodstvenih odnosa unutar ili između usko srodnih vrsta dok se DNA sekvenciranje upotrebljava za utvrđivanje srodstvenih odnosa od razine vrste i više.

Bez obzira na upotrebljenu DNA metodu uvijek je prvi korak molekularne sistematike uzorkovanje tkiva za izolaciju DNA i sama izolacija DNA. Kvalitetno sakupljeno i pohranjeno biljno tkivo preduvjet je kvalitetno izolirane DNA, a kvalitetno izolirana DNA tj. onaj izolat koji uz DNA ne sadrži proteine, RNA i neke druge kemijske spojeve je preduvjet za uspješnu kasniju primjenu bilo koje DNA metode. Danas se za izolaciju biljne DNA za taksonomske potrebe obično koristi svježe lisno tkivo ili češće, a osobito ako se uzorak sakuplja na terenu daleko od laboratorija, lisno tkivo osušeno u vrećicama sa silika gelom. Sušenjem lisnog tkiva u silika gelu dovodi do potpunog gubitka vode već prilikom same ekspedicije čime se spriječava mogućnost rada enzima koji bi doveli do degradacije DNA. Na ovaj način sakupljeno i pohranjeno tkivo omogućava visokokvalitetnu izolaciju DNA različitim metodama izolacije. Danas je za potrebe sistematike izolacija DNA pomoću već gotovih izolacijskih kompleta, baziranim na primjeni kolona s DNA selektivnom membranom, postao standardni postupak. Usporedbe pojedinih homolognih regija DNA ili čak cjelokupnih genoma između taksona daje nam podatke kojima se mogu utvrditi srodstveni odnosi između taksona u istraživanju pomoću različitih filogenetskih analiza.

Filogeografska mreža haplotipova, metoda maksimalne štedljivosti i Bayesovski pristup često se koriste za interpretaciju filogenetskih odnosa pomoću DNA sekvenci. Filogeografska mreža haplotipova koristi se za vizualizaciju međusobnih genetskih odnosa te utvrđivanje biogeografske strukture na razini populacija ali isto tako i na višim taksonomskim razinama. Metodom statističke štedljivosti tvori se najkraća razapinjuća mreža (engl. *minimum spanning network*). U prvom se koraku vrhovi grafa koji predstavljaju haplotipove povezuju bridovima ukoliko se haplotipovi razlikuju u samo jednom nukleotidu, a zatim se povezuju svi oni haplotipovi koji se razlikuju u dva, te zatim i više nukleotida sve dok svi vrhovi nisu povezani ili je dosegnuta kritična vrijednost povezivanja (engl. *connection limit*; Templeton i sur. 1992). Kritična vrijednost povezivanja je vjerojatnost nepostojanja nezapaženih supstitucija između haplotipova koja se može procijeniti na temelju broja različitih nukleotida između haplotipova i ukupne duljine sekvence.

Metoda maksimalne štedljivosti (engl. *Maximum Parsimony* – MP) temelji se na načelu nazvanim 'Ockhamova britva' (engleski franjevac i skolastički filozof Willam Ockham (1287-1347)) koje glasi da je najvjerojatnija ona hipoteza koja može objasniti određenu pojavu na temelju najmanjeg mogućeg broja pretpostavki. Primijenjeno u filogeniji, načelo pretpostavlja da je filogenetsko stablo koje iziskuje najmanji broj evolucijskih promjena za objašnjenje srodstvenih odnosa između analiziranih svojti je najvjerojatniji prikaz tijeka evolucije. Duljina određenog stabla jednaka je zbroju koraka (engl. *steps*) odnosno supstitucija nukleotida koje su se morale dogoditi na pojedinim nukleotidnim mjestima tijekom evolucije od zajedničkog pretka.

Bayesovska filogenetska analiza (engl. *Bayesian inference of phylogeny* – BI) temelji se na posteriornim vjerojatnostima (engl. *posterior probability*), koristeći formulu koju je osmislio T. Bayes, 1763. godine. Bayesovskom metodom izračunavaju se posteriorne vjerojatnosti filogenetskog stable, duljine grana i mnogi drugi parametre. Posteriorne vjerojatnosti se procjenjuju tehnikom uzorkovanja *Markov chain Monte Carlo* (MCMC) koja simulira nasumične parametre i predlaže njihovo novo stanje, odnosno novi set parametara, njihovom promjenom nasumičnim operatorima. Rezultat Bayesovske analize su filogenetska stabla s posteriornim vjerojatnostima svakog grananja. Filogenetska grana ili ogranak za koji je Bayesovska vjerojatnost 95 % ili više smatra se vrlo pouzdanim (Simpson 2005).

U biljnoj stanici se nalaze tri genoma koji se upotrebljavaju za utvrđivanje filogenetskih odnosa: jezgreni, mitohondrijski i kloroplastni. Jezgreni genom se nasljeđuje s roditelja na potomke kroz procese mitoze i mejoze, spolnom ili nespolnom reprodukcijom. U slučaju spolne reprodukcije jezgreni genom se nasljeđuje biparentalno. S druge strane, mitohondrijski i kloroplastni genom se nasljeđuju uniparentalno. Kod kritosjemenjača ovi se organeli prenose takozvanim majčinskim nasljeđivanjem tako što jajna stanica majke sadrži mitohondrije i kloroplaste koji se dalje dijele. Zanimljivo je da se kod četinjača kloroplasti i mitohondriji nalaze u spermalnoj stanici pa se nasljeđuju po očinskoj liniji (Liber 1996).



## Regija *ndhF* kloroplastne DNA

Kloroplastni genom se sastoji od jedne, kružne dvolančane DNA na kojoj se jasno razlikuju četiri dijela: velika regija s genima u jednoj kopiji – LSC (engl. *Large Single Copy Region*), mala regija s genima u jednoj kopiji – SSC (engl. *Small Single Copy Region*) i dvije regije tzv obrnute ponavljajuće sekvencije koje sadržavaju iste gene, istog redosljeda, ali suprotnog smjera čitanja, a koje su s jedne strane odvajene malom, a s druge strane velikom regijom s genima u jednoj kopiji-IR<sub>A</sub> i IR<sub>B</sub> (engl. *Inverted Repeats*) (Buchanan i sur. 2015). Kloroplastni gen *ndhF* se nalazi u maloj regiji s genima u jednoj kopiji (engl. *Small Single Copy-SSC*). U duhanu (*Nicotiana tabaccum* L.), regija *ndhF* je dugačka 2233 bp (engl. *base pairs*-BP), a funkcija joj je kodiranje jedne od proteinskih podjedinica enzima NADH dehidrogenaza (Kim i Jansen 1995, Olmstead i Reeves 1995). Usporedba *ndhF* sekvenci riže (*Oryza sativa* L.) i duhana sugerira da je stopa supstitucije nukleotida kod regije *ndhF* u prosjeku dva puta veća od one kod kloroplastne regije *rbcL* koja je poznata kao najčešće upotrebljavana kloroplastna regija za filogenetska istraživanja (Olmstead i Reeves 1995). U istraživanjima filogenetskih odnosa između različitih rodova, regija *ndhF* pokazala se informativnijom od regije *rbcL* s otprilike 300% više informativnih nukleotidnih mjesta za porodice Acanthaceae (Scotland i sur. 1995) i Asteraceae (Kim i Jansen 1995), 60% kod porodice Solanaceae i 50% kod Scrophulariaceae (Olmstead i Sweere 1994, Olmstead i Reeves 1995). Kloroplastni gen regije *ndhF* sastoji se od dva dijela koja su međusobno vrlo različita: 5' dio koji se sastoji od 1380 bp sličniji je u stopi i tipu nukleotidne supstitucije *rbcL* regiji dok je 3' dio, koji se sastoji od 855 bp, bogatiji adeninom i timinom, ima višu razinu suspsitucije baza i pokazuje veći afinitet prema trasnverziji (Kim i Jansen 1995). Kim i Jansen (1995) tvrde da su osobine 5' i 3' dijela regije *ndhF* odraz različitih funkcija tih dijelova te je prisutnost takve različite evolucije unutar istog gena vrlo pogodna za filogenetsku rekonstrukciju budući da se može koristiti onaj dio koji odgovara evolucijskoj starosti skupine koja je predmet istraživanja. Varijabilniji dio koristi se u slučaju kada je skupina koja se istražuje evolucijski mlađa kao što su npr. Poaceae, potporodica Pooidae (Catalan i sur. 1997). Kloroplastna regija *ndhF* se u većini slučajeva amplificira u dva preklapajuća segmenta. Amplifikacija i početnice opisani u Olmstead i Sweere (1994) primjenjivi su na većinu kritosjemenjača. Insercije i delecije nisu neobične pojave za regiju *ndhF*. Neki indeli regije *ndhF* (kod porodice Solanaceae, Olmstead and Sweere 1994; i

Acanthaceae, Scotland i sur. 1995) su filogenetski informativni, dok su neki (kod porodice Acanthaceae, Scotland i sur. 1995; i Poaceae, Clark i sur. 1995) posljedica homoplazije. Upotreba regije *ndhF* za utvrđivanje filogenetskih odnosa na razini roda pokazala se uspješnom u mnogih porodica kritosjemenjača uključujući Acanthaceae (Scotland i sur. 1995), Asteraceae (Kim i Jansen 1995), Brassicaceae (Beilstein, 2008), Orchidaceae (Neyland i Urbatsch 1996), Poaceae (Clark i sur. 1995), Scrophulariaceae (Olmstead i Reeves 1995) i Solanaceae (Olmstead i Sweere 1994). Na višim taksonomskim razinama regija *ndhF* korištena je kod podrazreda Asteridae s. l. (Kim i Jansen 1995). Korištenje kloroplastnog genoma u filogenetskim analizama uglavnom pokazuje starije događaje unutar evolucije pojedine skupine, budući da posjeduje nekoliko zanimljivih svojstava. Unutar kloroplastnog genoma nema rekombinacija i obično se majčinski nasljeđuje i stoga ima manju djelotvornu veličinu populacije od jezgrine DNA. Činjenica da kloroplastna DNA ima malu veličinu populacije i da se nasljeđuje samo kroz sjeme, općenito rezultira jačom geografskom strukturom kloroplastnih naspram jezgrinih markera. Iako su zbog toga kloroplastni markeri na neki način idealni za istraživanje kolonizacijskih ruta, bez obzira na broj ukupno analiziranih kloroplastnih markera oni još uvijek predstavljaju samo jedan jedini lokus koji se nasljeđuje kao jedna cjelina. Za dobivanje cjelokupne slike vezane uz evolucijsku povijest pojedine istraživane vrste ili skupine potrebna je analiza više nezavisnih lokusa što obično u praksi znači veći broj nepovezanih jezgrinih gena. Bez obzira na navedene nedostatke upotreba kloroplastnih regija često izuzetno pridonosi nedvosmislenom razjašnjavanju filogeografske povijesti istraživane skupine kao što je nedavno potvrdilo i istraživanje vrste *Astragalus onobrychis* (Záveská i sur. 2019).

## Ciljevi rada

Ciljevi ovog rada su:

- odrediti filogenetske odnose vrsta unutar roda *Aurinia* i utvrditi obrasce genetske raznolikosti pojedinih vrsta koristeći sekvence regije *ndhF* kloroplastne DNA
- ispitati da li je dobivena genetska divergencija u skladu s trenutnom taksonomijom roda
- rekonstruirati filogeografiju svih sedam vrsta roda *Aurinia*
- istražiti prostornu podudarnost između rekonstruiranih filogeografija i usporediti s lokacijama do sada poznatih glacijalnih refugija

# MATERIJALI I METODE

## Biljni materijal

Sakupljanje uzoraka provedeno je tijekom dugogodišnjih istraživanja dr. sc. Ivane Rešetnik i suradnika. Sakupljeni su uzorci svih sedam vrsta roda *Aurinia*, ponajviše s Balkanskog poluotoka te nekoliko iz srednje Europe i Italije. Uzorak za analize molekule DNA je prikupljen kao lisno tkivo koje je odmah na terenu pohranjeno u vrećice sa silika gelom. Molekula DNA je izolirana iz listnog tkiva 282 jedinke iz 140 populacija od kojih je na temelju kvalitete izolirane DNA 138 jedinki odabrano za PCR. Amplifikacija kloroplastne regije *ndhF* uspješno je provedena na 101 jedinki koje su zatim odabrane za daljnje filogenetske analize. U analize su uključene i sekvence *ndhF* preuzete iz baze GenBank (<http://www.ncbi.nlm.nih.gov>); jedan uzorak vrste *A. moreana*, po dvije vrste iz rodova *Berteroa* i *Galitzkya*, te jedna vrsta iz roda *Fibigia* koja je služila kao *outgroup*. Tablica s uzorcima nalazi se u prilogu 1.

## Izolacija DNA

Ukupna stanična DNA svake istraživane jedinke izolirana je iz 30 mg osušenog listnog tkiva primjenom izolacijskog kompleta *GenElute Plant Genomic DNA Miniprep* (Sigma®):

1. izvagano lisno tkivo stavljeno je u plastičnu epruvetu od 2,0 ml (safe-lock Eppendorf®) u koju je dodana čelična kuglica za usitnjavanje te je 60 s usitnjavano u prah u uređaju *Tissue Lyser* (Qiagene®) na 30 Hz/s,
2. nakon usitnjavanja u epruvetu je dodano 350 µl prethodno ugrijane otopine *LyseA* i 50 µl prethodno ugrijane (65 °C kroz 5 min) otopine *LyseB* te je dobiveni homogenat kratko izmiješan u „vorteks“ miješalici (GVLab-Gilson®),
3. dobiveni homogenat inkubiran je 10 min na 65 °C uz povremeno miješanje, u „vorteks“ miješalici,

4. dodano je 130  $\mu$ l otopine *Precipitation solution* (taloženje degradiranih proteina), promiješano laganim treskanjem epruvete te inkubirano 7 min na  $-20\text{ }^{\circ}\text{C}$ ,
5. sadržaj epruvete centrifugiran je 5 min na 16110 x g (centrifuga 5415 D Eppendorf®),
6. 650  $\mu$ l gornjeg vodenog sloja pipetom je preneseno na plavu kolonu s filterom, te je centrifugirano 1 min na 16110 x g ,
7. 650  $\mu$ l filtrata prebačeno je u čistu epruvetu od 1,5 ml te je dodano 700  $\mu$ l otopine *Binding Solution* (omogućava selektivno vezanje DNA molekula na filter bijele kolone) i kratko izmiješano u „vorteks“ miješalici,
8. na bijele kolone *GenElute Miniprep Binding* dodano je 500  $\mu$ l otopine *Column Preparation*, centrifugirano 1 min na 16110 x g , te je odbačen filtrat
9. 650  $\mu$ l filtrata s otopinom *Binding Solution* nanešeno je na pripremljenu kolonu *GenElute Miniprep Binding*, te je centrifugirano 1 min na 16110 x g ,
10. nakon centrifugiranja filtrat je bačen te je dodan ostatak filtrata s otopinom *Binding Solution* i centrifugirano 1 min na 16110 x g,
11. kolona *GenElute Miniprep Binding* prebačena je u novu epruvetu od 2 ml, dodano je 500  $\mu$ l otopine *Wash Solution* (glavni sastojak 70%-tni etanol), te je centrifugirano 1 min na 16110 x g (ispiranje DNA vezane na filter),
12. nakon centrifugiranja filtrat je bačen, dodano je novih 500  $\mu$ l *Wash Solution* otopine i centrifugirano 3 min na 16110 x g,
13. kolona *GenElute Miniprep Binding* ostavljena je na sobnoj temperature oko 5 min da ispari sav etanol prisutan u ostacima otopine *Wash Solution*,
14. kolona *GenElute Miniprep Binding* prebačena je na novu epruvetu od 2 ml te je na membranu kolone dodano 75  $\mu$ l otopine *Elution Solution* prethodno zagrijane na  $65\text{ }^{\circ}\text{C}$  (vodena otopina TRIS-a (tris(hidroksimetil)aminometan) i EDTA (etilendiamintetraoctena kiselina) koja održava pH iznad 8 i na sebe veže katione što je bitno za sprječavanje degradacija DNA kroz duži vremenski period), te je centrifugirano 1 min na 16110 x g,

15. na membranu kolone dodano je još 75 µl otopine *Elution Solution* prethodno zagrijane na 65 °C, te je centrifugirano 1 min na 16110 x g, nakon centrifugiranja otopina DNA sakupljena je kao filtrat te je čuvana na temperaturi od -20 °C.

Koncentracija DNA u otopini *Elution Solution* izmjerena je spektrofotometrom Nanophotometer (Implen ®) dodatkom 1,5 µl otopine DNA na vrh kivete.

### **Umnožavanje regije *ndhF* kloroplastne DNA lančanom reakcijom polimerazom**

**Tablica 1:** početnice korištene pri umnažanju i sekvenciranju te njihov nukleotidni slijed

Za umnožavanje kloroplastne regije *ndhF* odabrani su uzorci čija je DNA bila najbolje kvalitete te koji najbolje pokrivaju geografsku rasprostranjenost vrsta (Tablica 1., Prilog 1). Za PCR umnožavanje kloroplastne regije *ndhF* korištene su PCR početnice 5F, i 2100R (Beilstein i sur. 2006). Umnožavanje se odvijalo u ukupnom volumenu od 20 µl u uređaju GeneAmp PCR System 2700 (Applied Biosystems®). Zbog velike duljine PCR-om umnožene regije (2 kb) prilikom sekvenciranja uz dvije spomenute PCR početnice upotrebljene su još dodatne dvije unutarnje PCR početnice (989R i 989F) kako bi se cjelokupna regija prepolovila i pokrila sekvenciranjem dva kraća dijela (Tablica 1).

Svaka reakcijska otopina (ukupno 20 µl) sadržavala je sljedeće sastojke:

- 1,93 µl 10 x PCR Buffer (100 mM Tris-HCl, 500 mM KCl, 15 mM MgCl<sub>2</sub>; Takara Bio Inc.)
- 1,35 µl DNA (c ≈ 5 ng/µl)
- 1,56 µl dNTP (2.5 mM smjesa-dATP, dCTP, dGTP, dTTP; Takara Bio Inc.)
- 0,77 µl početnica 5F i 2100R (10 pmol/µl)
- 0,12 µl Taq HS polimeraze (5 U/µl; Takara Bio Inc.)
- 13,5 µl sterilizirane deionizirane vode (Qiagen®)

**Tablica 1:** početnice korištene pri umnažanju i sekvenciranju te njihov nukleotidni slijed

Početnica	Slijed nukleotida
5F	5'- ATGGAACATACATATCAATATTCATGG -3'
989R	5'- CCCATACCTAGAGCTAACATCA -3'
989F	5'- TGATGTTAGCTCTAGGTATGGG -3'
2100R	5'- CAAAGAACTYGTAAKACSTACTCC -3'

Reakcija umnožavanja DNA odvijala se prema sljedećem programu (Beilstein i sur. 2006):

- Početna denaturacija: 1 ciklus na 96 °C, 4 minute
- Umnožavanje DNA: 40 ciklusa
  - denaturacija DNA: 94 °C, 30 s
  - sparivanje početnica: 52 °C, 1 minuta
  - sinteza novog lanca DNA: 72 °C, 2 minute
- Završna sinteza preostalih kalupa DNA: 1 ciklus na 72 °C, 7 minuta

Uspješnost umnažanja je provjerena elektroforezom na 0.8%-tnom gelu agaroze u 0.5 x pufera TBE (45 mM tris-borata i 1 mM EDTA, pH 8), kroz jedan sat na 5 V/cm (Sambrook i sur. 1989). Uzorci za elektroforezu su pripremljeni tako da su 2 µl otopine DNA pomiješana s 2 µl sterilizirane destilirane vode i s 1 µl boje za nanošenje (30% saharoze, 0.25% brom-fenolnog modrila i 0.25% ksilen-cijanola; Sambrook i sur. 1989). Dobivena otopina je nanosena u jažice agaroznog gela. Nakon što je brom-fenolno modriilo iz uzorka putovalo oko 3 cm elektroforeza je prekinuta, a gel je uronjen u otopinu etidijevog bromida u 0.5 x puferu TBE (c = 5 µg/ml) na 25 min. Etidij evbromid se specifično veže uz nukleinske kiseline interkalanjem između dušičnih baza, a molekule DNA postaju vidljive kada se gel osvjetli UV svjetlom transiluminatora T-2202 (Sigma®). Debljina i sjaj trake DNA na gelu korišteni su kao pokazatelj uspješnosti umnažanja te se na temelju toga donijela odluka o sekvenciranju ili nesekvenciranju PCR uzorka.

## Automatsko sekvenciranje

Neposredno prije sekvenciranja DNA, kako bi se iz sekvencijske otopine uklonile nevezane početnice i defosforirali nevezani nukleotidi, provedeno je pročišćavanje PCR otopine upotrebom egzonukleaze I (Thermo Scientific®) i termoosjetljive alkalne fosfataze FastAP™ (Thermo Scientific®) na sljedeći način:

- pripremljena je sljedeća reakcijska otopina:
  - 20 µl PCR-produkta
  - 2 µl egzonukleaze I (10 U)
  - 4 µl termosjetljive alkalne fosfataze FastAP™ (1 U)
- otopina je promiješana na 'vorteks' miješalici GVLab (Gilson®) i inkubirana na 37 °C 15 min
- reakcija je zaustavljena zagrijavanjem otopine na 85 °C 15 min

Bez daljnje obrade 5 µl ovako pročišćenih PCR-produkata pomiješano je sa 5 µl svake od četiri početnica ( $c = 10 \mu\text{M}$ ) i poslano u Macrogen Service Center (Amsterdam, Nizozemska) koristeći EZseq uslugu DNA sekvenciranja. Automatskodideoksi sekvenciranje je provedeno korištenjem paketa BigDye™ Terminator Cycle Sequencing Kit (Applied Biosystems®) po uputama proizvođača. Kapilarna elektroforeza provedena je na uređaju ABI 3730xl DNA Analyzer (Applied Biosystems®).

Dobivene kloroplastne sekvence DNA iz oba smjera vizualizirane su (.ab1 format), spojene u jedinstven redoslijed i međusobno sravnjene uz pomoć računalnog programa Genious version 6.1 (<http://www.genious.com>).



## Filogenetska analiza

Filogenetska analiza obuhvaćala je izradu filogeografske mreže haplotipova, metodu maksimalne štedljivosti i Bayesovsku filogenetsku analizu.

## Filogeografska mreža haplotipova

Filogeografska mreža između haplotipova je konstruirana po metodi statističke štedljivosti (*statistical parsimony*; Templeton i sur. 1992). Filogenetska mreža izrađena je pomoću programa TCS (Clement i sur. 2000) uz kritičnu vrijednost pozivanja od  $P > 0.95$ .

## Metoda maksimalne štedljivosti

Analiza maksimalne štedljivosti provedena je heurističkom pretragom (engl. *heuristic search*) na temelju 1000 ponavljanja nasumičnog postupnog dodavanja sekvenci (engl. *stepwise addition*) uz zamjenu grana između stabala (engl. *branch swapping*) upotrebom algoritma raspolavljanja i ponovnog sastavljanja stabala (engl. *tree bisection reconnection-TBR*). Na temelju dobivenih najštedljivijih stabala izgrađeno je 50%-tno dogovorno stablo (engl. *50% majority-rule consensus tree*). Pouzdanost filogenetskog stabla analizirana je pomoću metode bootstrap (Felsenstein 1985). Vrijednosti bootstrap dobivene su analizom stabala na temelju 1000 poduzoraka bootstrap. Stabla su pronađena na isti način kao i u osnovnoj pretrazi, ali na temelju 100 ponavljanja. Analize su provedene pomoću programskog paketa PAUP\* 4.0b10 (Swofford 2001). U MP analizu uključena su i dva uzorka roda *Berteroa* (KF022955 i KF022956) i *Galitzkya* (KF022982 i KF022983) iz GenBank baze (<https://www.ncbi.nlm.nih.gov/nucleotide>). Stablo je zakorijenjeno pomoću uzorka vrste *Fibigia clypeota* (KF022972).

## Bayesovska filogenetska analiza

Bayesovska filogenetska analiza provedena je pomoću programa MrBayes 3.1.2 (Huelsenbeck i Ronquist 2001). Najprikladniji evolucijski model supstitucije nukleotida odabran je na temelju Akaikeovog informacijskog kriterija (engl. *Akaike Information Criterion-AIC*, Akaike 1974). Duljina grana nije bila ograničena (engl. *unconstrained*), a priorna raspodjela duljina grana na stablu zadana je pomoću eksponencijalne vrijednosti parametra  $\lambda$ . Navedeni je parametar izračunat za svaku regiju DNA na temelju prosječne duljine grana stabla ( $\overline{brl}$ ) dobivenog analizom maksimalne vjerodostojnosti po formuli (Brown i sur. 2010):

$$\lambda = - \frac{\ln(0,5)}{\overline{brl}}$$

Algoritam Markovljevih lanaca uz proces poduzorkovanja Monte Carlo (engl. *Markov Chain Monte Carlo-MCMC*) pretpostavljao je dva neovisna prohoda (run) od po četiri simultana lanca tijekom 107 generacija, uz uzorkovanje stabala svakih 1000 generacija. Potreban broj generacija pri kojoj vrijednosti maksimalne vjerodostojnosti uzorkovanih stabala postižu stacionarnost utvrđena je grafički. Time je utvrđena duljina faze ugrijavanja (engl. *burn-in*) lanca, te je iz analize isključeno prvih 2500 stabala. Konačan broj uzorkovanih stabala na temelju kojih su izračunate posteriorne vjerojatnosti (engl. *posterior probabilities-PP*) pojedinih grana je bio 15,000 (2 prohoda x 7,500 stabala). Na temelju navedenih stabala izgrađeno je 50%-tno dogovorno stablo (engl. *50% majority-rule consensus tree*). Učinkovitost procesa poduzorkovanja MCMC provjerena je izračunavanjem efektivne veličine uzorka (engl. *effective sample sizes-ESS*) pomoću programa Tracer v1.4 (Rambaut i Drummond 2007). U MP analizu uključena su i dva uzorka roda *Berteroa* (KF022955 i KF022956) i *Galitzkya* (KF022982 i KF022983) iz GenBank baze (<https://www.ncbi.nlm.nih.gov/nucleotide>). Stablo je zakorijenjeno pomoću uzorka vrste *Fibigia clypeota* (KF022972).

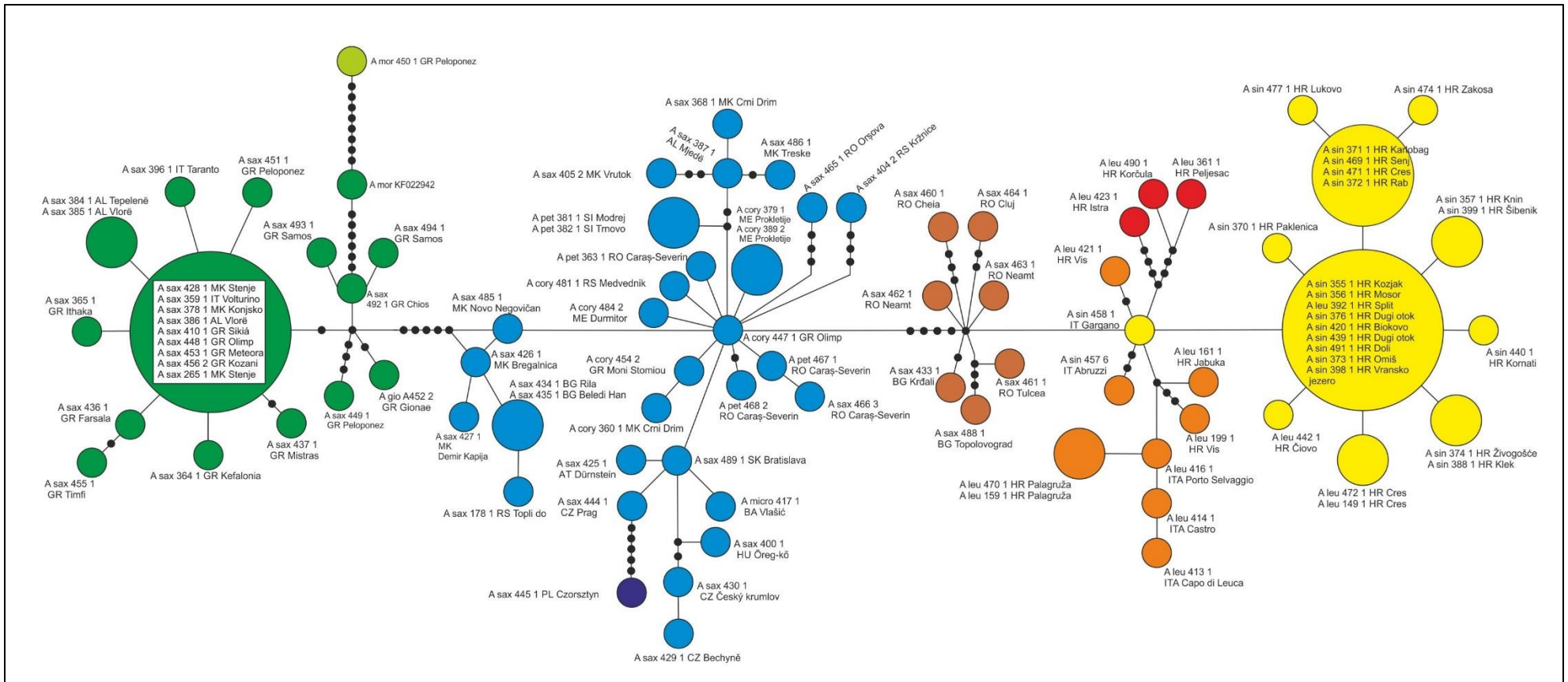
## REZULTATI

Duljina obje regije *ndhF* nakon PCR umnožavanja, pročišćavanja, sekvenciranja i višestrukog sravnjivanja iznosila je 2005 bp. Sve dobivene sekvence su dodatno provjerene, višestruko sravnjene (engl. *multiple sequence alignment*) pomoću programa Geneious 11.1.5 (<https://www.geneious.com>) te prebačene u FASTA format koji je korišten prilikom daljnjih analiza. Sravnjene sekvence nalaze se u pdf formatu u Prilogu 2.

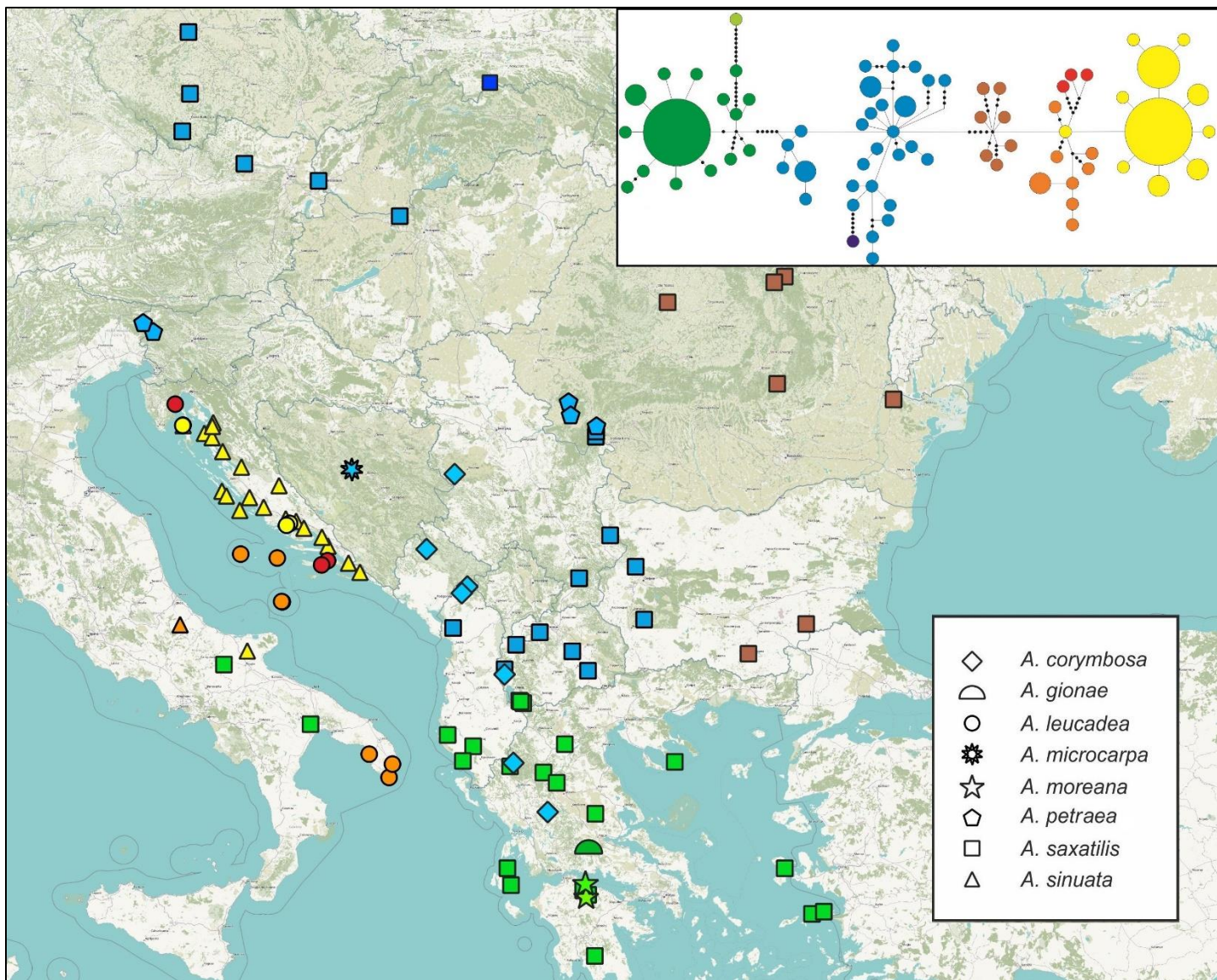
### Filogeografska mreža haplotipova

Zapaženo je ukupno 75 kloroplastnih haplotipova koji su se razlikovali u ukupno 128 polimorfna mjesta od kojih je 117 predstavljalo nukleotidne supstitucije, a 11 insercije/delecije (Prilog 2). Od 11 insercija/delecija njih dvije bile su dulje od 1 bp. Pod pretpostavkom da je svaka insercija/delecija duža od jednog baznog para jedan evolucijski događaj, svako je takvo mjesto u sekvencama svedeno na jednu baznu promjenu tako da je duljina sekvenci za analizu iznosila 1996 bp uključujući 130 polimorfni mjesta. Od 75 zapaženih haplotipova njih dva su zapažena kod devet jedinki, jedan kod četiri jedinke te njih osam kod dvije jedinke. Haplotipovi su prikazani pomoću haplotipske mreže (Slika 2). Cjelokupna rasprostranjenost jedinki prikazana je na geografskoj karti gdje je vrsta prikazana različitim simbolom dok je bojom prikazana pripadnost haplotipskoj skupini (Slika 3). Prvi od dva najčešća haplotipa zabilježen je kod devet jedinki koje su sve uzorkovane na području hrvatske obale i otoka. Osam njih je vrste *A. sinuata*, a jedan vrste *A. leucadea*. Haplotip koji je zabilježen kod četiri jedinke također čine uzorci vrste *A. sinuata* sakupljenih na hrvatskoj obali te su udaljeni samo jedan mutacijski korak od prethodno navedenih devet jedinki. Drugi od dva najčešća haplotipa, kojeg također čini devet jedinki, sastoji se isključivo od uzoraka vrste *A. saxatilis*-četiri s područja Grčke, tri s područja Makedonije i po jednog s područja Albanije i Italije. Najudaljeniji haplotip pripada uzorku vrste *A. moreana* koji je udaljen devet mutacijskih koraka od prvog uzorka iste vrste, te čak 16 koraka do prvog uzorka različite vrste (*A. saxatilis*).

Uzorci vrste *A. leucadea* sakupljeni na jugu talijanske pokrajine Apulije (A413, A414, A416) najbliže su uzorcima iste vrste sakupljenima na otocima Vele i Male Palagruže (A470, A159), zatim s uzorcima vrste *A. leucadea* sa otoka Jabuke (A161) i uzorkom vrste *A. sinuata* sa sjevera Apulije (A458) koji je jedan mutacijski korak udaljen od prvog uzorka vrste *A. sinuata* iz Hrvatske. Većina uzoraka vrste *A. leucadea* iz Hrvatske vrlo je bliska s uzorcima vrste *A. sinuata*, isključujući dva uzorka s otoka Visa (A199, A421), koji su tri i četiri mutacijska koraka udaljeni od najbližeg uzorka *A. sinuata* iz Hrvatske, te tri uzoraka sa Pelješca, Korčule i Istre (A361, A490 i A423) koji su šest mutacijskih koraka udaljeni od najbližeg uzorka vrste *A. sinuata* iz Hrvatske. Uzorci s Pelješca i Korčule također su i osam mutacijskih koraka udaljeni od uzorka iz Istre. Uzorak vrste *A. sinuata* iz Abruzzija (A457) tri je mutacijska koraka udaljen od prethodno navedenog uzorka vrste *A. sinuata* sa sjevera Apulije (A458) te četiri mutacijska koraka do prvog uzorka vrste *A. sinuata* iz Hrvatske. Uzorci vrste *A. saxatilis* u većini slučajeva stvaraju skupinu odvojenu na temelju vrste i geografskog položaja što se najbolje vidi na uzorcima iz Grčke (A364, A365, A378, A386, A410, A436, A437, A448, A449, A451, A453, A455, A456, A492, A493, A494) koji su najbliži međusobno te s uzorcima iz Albanije (A384, A385 i A386), Makedonije (A265, A378 i A428) i Italije (A359). Međutim, postoje i uzorci iz Makedonije (A368, A405, A426, A427, A485, A486) Bugarske (A434 i A435), Srbije (A178 i A404) i Albanije (A387) koji su bliži uzorcima vrste *A. petraea* iz Rumunjske (A363, A467 i A468) i Slovenije (A381 i A382) i uzorcima vrste *A. corymbosa* iz Crne Gore (A379, A389 i A484), Grčke (A447 i A454) i Srbije (A481). Ista situacija zapažena je i sa uzorcima vrste *A. saxatilis* iz Češke (A429 i A430, A444), Austrije (A425), Mađarske (A400) i Slovačke (A489) koje su bliže prethodno navedenim uzorcima vrste *A. petraea* i *A. corymbosa* nego npr. uzorcima vrste *A. saxatilis* iz Grčke ili Bugarske. Uzorak vrste *A. gionae* (A452) te uzorak vrste *A. moreana* (A450) najbliži su uzorku vrste *A. saxatilis* s otoka Chiosa (A492) te ostalim uzorcima te vrste iz Grčke. *A. moreana*, kao što je već navedeno, udaljena je 16, a *A. gionae* dva mutacijska koraka od uzorka s Chiosa. Uzorak vrste *A. petraea* subsp. *microcarpa* (A417) najbliži je uzorku vrste *A. saxatilis* iz Slovačke.



**Slika 2.** Prikaz haplotipova dobivenih analizom statističke štedljivosti u računalnom programu TCS; veličina krugova odgovara broju jedinki kojima pripada pojedini haplotip; crne točke između haplotipova predstavljaju mutacijske korake odnosno haplotipove koji nisu zapaženi.



**Slika 3.** Geografska rasprostranjenost sakupljenih uzoraka roda *Aurinia* i njihova pripadnost haplotipskoj grupi (slika gore desno: haplotipovi dobivenih analizom statističke štedljivosti u računalnom programu TCS, haplotipske grupe su označene različitim bojama) te taksonomska pripadnost (slika dolje desno: različiti simboli označavaju pripadajuće vrste).



## Maksimalna štedljivost

Osnovne značajke MP analize prikazane su u tablici 2. Dobiveno filogenetsko stablo prikazano je na Slici 3.

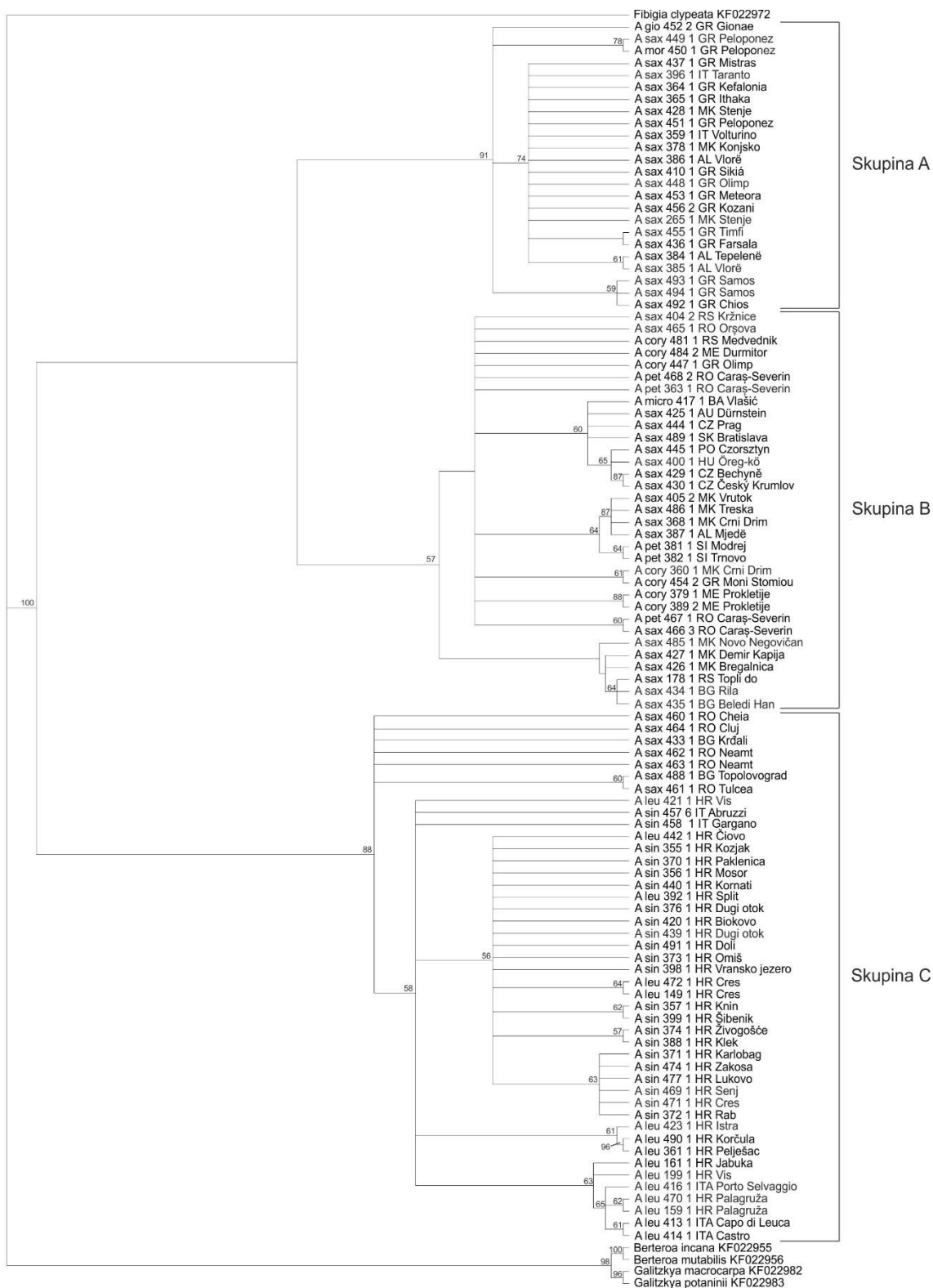
**Tablica 2:** Osnovne značajke analize maksimalne štedljivosti na istraživanim sekvencama *ndhF* roda *Aurinia*.

Broj sekvenci	106
Dužina sravnjenih sekvenci	2005
Konstantna mjesta	1782
Neinformativna mjesta	136
MP informativna mjesta	87
Broj stabala	11
Dužina stabala	260
Indeks konzistencije (CI)	0.9308
Indeks homoplazije (HI)	0.0692
CI bez neinformativnih mjesta	0.85
HI bez neinformativnih mjesta	0.15
Indeks retencije (RI)	0.9701
Razmjerni indkes konzistencije (RC)	0.9029

Filogenetska stabla dobivena analizom MP pokazuju formiranje tri skupine, A, B i C (prikazane na Slici 3.) od kojih su skupine A i C dobro podržane. Skupina A ima *bootstrap* (BS) vrijednost od 91% i sadrži uzorke vrste *A. saxatilis* iz Grčke (A364, A365, A410, A436, A437, A448, A449, A451, A453, A455, A456, A492, A493 i A494), Albanije (A384, A385 i A386), Makedonije (A265, A378 i A428) i Italije (A359 i A396) te uzorke vrste *A. gionae* (A452) i *A. moreana* (A450) koji su također iz Grčke.

Skupina C ima BS vrijednost od 88%; sadrži sve uzorke vrste *A. sinuata* i *A. leucadea* te uzorke vrste *A. saxatilis* iz Rumunjske (A460, A461, A462, A463, A464) i Bugarske (A433, A488). Skupina B slabo je podržana sa BS vrijednošću od 57%; sadrži uzorke vrste *A. saxatilis* iz Makedonije (368, 405, 426, 427, 485 i 486) Češke (A429 i A430, A444), Bugarske (434 i 435), Rumunjske (465 i 466), Srbije (178 i 404), Albanije (387), Austrije (A425), Mađarske (A400) i Slovačke (A489), uzorke vrste *A. corymbosa* iz Crne Gore (A379, A389 i A484), Grčke (A447 i A454) Makedonije (A360) i Srbije (A481), uzorke vrste *A. petraea* iz Rumunjske (A363, A467 i A468) i Slovenije (A381 i A382) te uzorak vrste *A. petraea* subsp. *microcarpa* iz Bosne i Hercegovine (A417). Unutar sve tri skupine formiraju se manje skupine na temelju geografskog položaja uzoraka te su većinom jako slabo podržane.





**Slika 4.** 50%-tno dogovorno bootstrap stablo dobiveno MP analizom sekvenci regije *ndhF* roda *Aurinia*. Stablo je ukorijenjeno pomoću uzorka vrste *Fibigia clypeata* (KF022972). Na člancima stabla prikazane su *bootstrap* vrijednosti (>50%) za pojedine podskupine na temelju 1000 poduzoraka *bootstrap*.

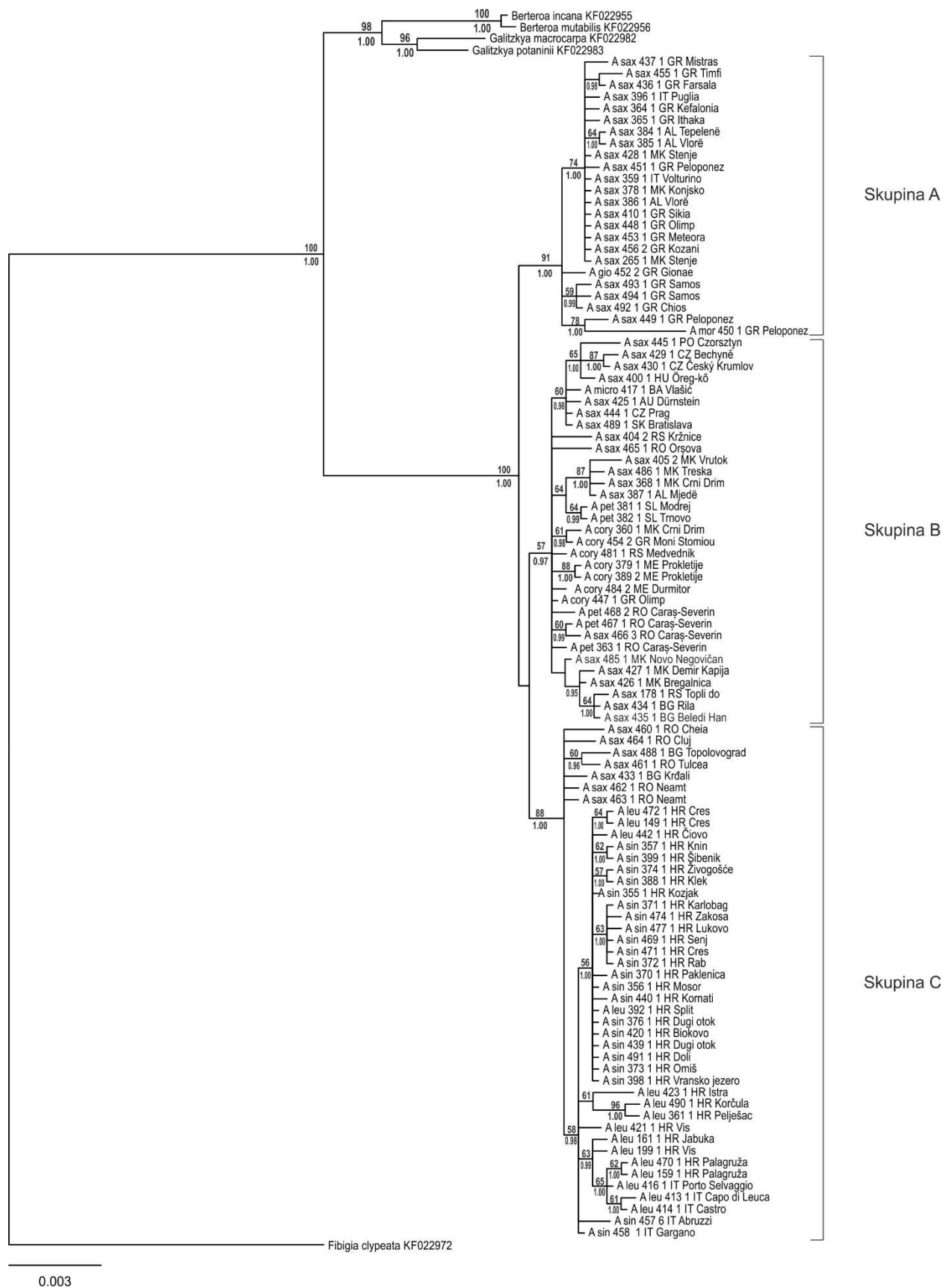
## Bayesovska filogenetska analiza

Najprikladniji evolucijski model supstitucije nukleotida, dobiven pomoću programskog paketa MrModeltest 2.4. i primjenjen Bayesovskoj analizi, bio je GTR+G prema Akaikeovom informacijskom kriteriju. Parametri evolucijskog modela GTR+G prikazani su u tablici 3. Filogenetska stabla pronađena su Bayesovskom filogenetskom analizom pomoću programa MrBayes 3.2.6 (Huelsenbeck i Ronquist 2001). Budući da je Bayesovsko stablo svojim grananjem bilo vrlo slično stablu dobivenom metodom maksimalne štedljivosti, na grane ovakvog stabla uz postojeće posteriorne vjerojatnosti (engl. *posterior probabilities*-PP) kao mjere pouzdanost grananja, mogle su se dodati i bootstrap vrijednosti sa stabla maksimalne štedljivosti (Slika 5).

**Tablica 3.** Parametri evolucijskog modela GTR+G za istraživanu regiju *ndhF* kloroplastne DNA.

Frekvencije nukleotida		
	fA	0.2977
	fC	0.1369
	fG	0.1558
	fT	0.4096
Stope supstitucije		
	rAC	1.4994
	rAG	1.2132
	rAT	0.1263
	rCG	0.2925
	rCT	0.9074
	rGT	1
Parametar oblika gama raspodjele		0.4989

Kao i kod stabla maksimalne štedljivosti i kod filogenetskog stabla dobivenog Bayesovskom analizom mogle su se uočiti tri skupine skupina A čija je PP vrijednost bila 1.00, skupine B čija je PP vrijednost bila 0.97 i skupine C čija je PP vrijednost bila 1.00. Također dolazi i do formiranja manjih skupina unutar tri prethodno navedene skupine koje su u nekim slučajevima podržane visokom PP vrijednošću.



**Slika 5.** Filogenetsko stablo dobiveno Bayesovskom analizom sekvenci *ndhF* vrsta roda *Aurinia*. Stablo je ukorijenjeno pomoću uzorka vrste *Fibigia clypeata* (KF022972). Bayesovske posteriorne vjerojatnosti ( $\geq 0.95$ ) prikazane su ispod, a *bootstrap* vrijednosti iz MP analize ( $> 50\%$ ) iznad grana.

## RASPRAVA

Monofilija roda *Aurinia* potvrđena je s maksimalnom pouzdanošću u provedenoj analizi maksimalne štedljivosti (100%) i Bayesovskoj filogenetskoj analizi (1.00 PP), što je u skladu s dosadašnjim istraživanjima (Warwick 2008, Rešetnik 2011). Kao što je bilo i očekivano dva najrodnija roda, *Berteroia* i *Galitzkya*, odvojila su se od roda *Aurinia* s vrlo velikom pouzdanošću i u analizi maksimalne štedljivosti (98% BS) i u Bayesovskoj filogenetskoj analizi (1.00 PP). Također kao i u prijašnjim istraživanjima (Rešetnik 2011) kloroplastna regija *ndhF* pokazala je geografsko grupiranje istraživanih uzoraka. Sukladno tome, pomoću ove kodirajuće kloroplastne regije nije bilo moguće do kraja razjasniti filogenetske odnose svih sedam vrsta roda *Aurinia* niti su dobiveni rezultati u skladu s trenutnom taksonomijom. Sam rod *Aurinia* se u sve tri analize podijelio na tri velike skupine koje su na oba stabla označena sa A, B i C (Slika 4 i Slika 5).

Skupina A sadrži vrste *A. saxatilis*, *A. moreana* i *A. gionae* te je geografski je većinom ograničena na južni dio Balkanskog pouotoka (južna Albanija, južna Makedonija, Grčka) s dva uzorka na južnom dijelu Apeninskog pouotoka (Slika 2). Na Balkanskom poluotoku geografski se na nju nadovezuje skupina B koja sadrži vrste *A. saxatilis*, *A. corymbosa*, *A. petraea* i *A. petraea* subsp. *microcarpa* te obuhvaća veće geografsko područje od južnog i centralnog dijela Balkanskog poluotoka preko jugozapadnih Karpata prema centralnoj Europi i Julijskih Alpa. Skupina C koja sadrži vrste *A. saxatilis*, *A. leucadea* i *A. sinuata* geografski je najzanimljivija jer obuhvaća dvije disjunktne regije-centralni dio Karpata i istočni dio Balkanskog poluotoka te baltansku i apeninsku obalu Jadranskog mora.

Kloroplastna DNA u nekim slučajevima nije pogodna za definiranje granice između vrsta budući da zbog procesa kao što su *chloroplast capture* ili *incomplete lineage sorting* različite vrste mogu dijeliti isti haplotip te time pokazivati geografsku umjesto taksonomske strukture što je zabilježeno u prethodnim (Gutiérrez-Larena i sur. 2002, Frajman i Oxelman 2007), ali i u ovom istraživanju u nekoliko slučajeva: kod uzorka vrste *A. leucadea* iz Splita (A392) koji dijeli isti haplotip kao većina uzoraka vrste *A. sinuata* iz Dalmacije (Slika 2), kod vrlo sličnih haplotipova između uzoraka vrste *A. leucadea* s otoka Cresa i Čiova čiji su haplotipovi samo jedan mutacijski korak od onih vrste *A. sinuata* iz Dalmacije te kod vrlo bliskih haplotipova

različitih vrsta u grupi B kao što su npr. uzorci A466 (*A. saxatilis*), 467 (*A. petraea*) i A447 (*A. Corymbosa*) (Slika 2).

Grupiranje prema geografskim regijama, a ne prema taksonomiji nije neuobičajeno za rezultate dobivene analizom kloroplastnog genoma. Brojna istraživanja na raznim rodovima i skupinama na Balkanskom otoku pokazala su geografski odvojene skupine koje nisu ili su samo djelomično odgovarale taksonomskim obuhvatima svojti, kao na primjer unutar roda *Heliosperma* (Frajman i Oxelman 2007) te roda *Silene* (Đurović i sur. 2017). Veći broj različitih vrsta unutar svake skupine najvjerojatnije ukazuje na relativno brzu diversifikaciju cijelog roda u jednom trenutku njegove evolucijske prošlosti. Dosadašnja istraživanja pretpostavljaju da se divergencija roda dogodila na prijelazu pliocen-pleistocen, ali zbog nepouzdanosti sekundarnih kalibracija uzetih u analizama točnije datiranje nije bilo moguće (Rešetnik 2011). Osim toga nakon prvobitne diversifikacije vrlo je vjerojatno kasnije tijekom izmjene ledenih doba dolazilo do kontakta i izmjene genetskog materijala između pojedinih vrsta na mjestima sekundarnih susreta.

### ***A. saxatilis***

*A. saxatilis* imaju najveću rasprostranjenost unutar roda što odgovara i najraznolikijim genetskim obrascem koji je vidljiv u činjenici da su uzorci prisutni u svakoj od tri skupine dobivene u analizama (Slika 2, Slika 4 i Slika 5). Unutar skupine A nalaze se uzorci vrste *A. saxatilis* iz Grčke, Makedonije, Albanije i Italije. Srodnost uzoraka iz Albanije i Makedonije s uzorcima iz Grčke logično je budući da su lokaliteti u relativnoj blizini onih iz Grčke te ne postoji barijera koja bi spriječila izmjenu genetskog materijala. Srodnost uzoraka iz Italije s onima iz Albanije i Grčke najvjerojatnije je posljedica promjene razine mora, odnosno isušivanja Sredozemnog mora prije između 5,59 i 5,33 milijuna godina tijekom mesinske krize saliniteta (Krijgsman i sur. 1999) kada je jugoistočni dio Apeninskog poluotoka bio spojen s Balkanskim poluotokom ili tijekom pleistocena kada su u hladnim razdobljima obale na Otrantskim vratima bile udaljene svega 50 km. Ista je situacija genetske povezanosti populacija iz Italije s onima iz Grčke i Albanije zabilježena i kod vrste *Anacamptis palustris* (Jacq.) R.M.Bateman, Pridgeon & M.W.Chase što je također objašnjeno povezanošću tijekom mesinske krize saliniteta (Musacchio

i sur. 2006). Formiranje skupine A koja se sastoji gotovo isključivo od uzoraka vrste *A. saxatilis* ukazuje na središnju i južnu Grčku kao potencijalni refugij iz kojeg se širila dalje prema središnjoj Europi. Štoviše, lokacije nekih uzoraka podudaraju se s lokacijama refugija na području Grčke navedenih u Médail i Diadema (2009)-Olimp (A448), Pindsko gorje (A453) i Peloponez (A449, A451) te se slična grupiranja u populacijskim analizama na području Grčke mogu vidjeti i kod drugih vrsta kao što su *Euphorbia myrsinites* L. (Falch i sur. 2019) i *Edraianthus graminifolius* (L.) A. DC. (Surina i sur. 2014). Na području jugoistočnog Balkana dolazi do protoka genetskog materijala s vrstama *A. petraea* i *A. corymbosa* što se može vidjeti u skupini B. Uzorci vrste *A. saxatilis* iz Rumunjske i Bugarske grupiraju se u skupinu C s uzorcima vrste *A. sinuata* i *A. leucadea* te je njihov položaj nejasan. Moguće je da su povezani sa populacijama *A. saxatilis* iz Male Azije međutim ti uzorci nisu bili dostupni za analizu.

### ***A. gionae* i *A. moreana***

Oba grčka endema *A. gionae* i *A. moreana* grupirala su se s uzorcima vrste *A. saxatilis* u skupinu A. *A. moerana* morfološki je vrlo slična *A. saxatilis* dok je s druge strane *A. gionae* zbog napuhnutih komuščica morfološki sličnija vrsti *A. corymbosa*. Iako je navedeni uzorak vrste *A. gionae* sakupljen na *locus classicus* koji se nalazi na vrhu planine Giona u središnjoj Grčkoj, u podnožju planine nađene su i populacije *A. saxatilis* (I. Rešetnik, usmeno priopćenje), te je moguće da ovdje prisutna izmjena genetskog materijala između dva taksona. Očita genetska odvojenost uzorka vrste *A. moreana* na filogeografskoj mreži haplotipova (Slika 2) moguća je posljedica dulje vremenske izolacije istraživane populacije. Areal vrste *A. moreana* čini nekoliko lokaliteta na poluotoku Peloponez te se često nalaze unutar kanjona koji su poznata mikrorefugijalna staništa. S obzirom na rezultate dobivene ovim istraživanjem najvjerojatnije je potrebna izmjena taksonomskog statusa za ove dvije vrste, ali su potrebna daljnja istraživanja s drugim genetskim markerima te većim brojem uzoraka kako bi se to sa sigurnošću moglo utvrditi.

## ***A. corymbosa* i *A. petraea***

Svi uzorci vrste *A. corymbosa* pripadaju skupini B međutim nisu formirali jednu zajedničku grupu nego je u nekoliko slučajeva došlo do formiranja manjih, geografski definiranih skupina: A379 i A389 (88% BS i 1.00 PP) koja se oba nalaze na planini Prokletije u Makedoniji te uzoraka A360 i A454 (61% BS i 0.98 PP) od kojih se prvi nalazi na Crnom Drimu u Makedoniji, a drugi u Moni Stomiou u Grčkoj, lokaliteti koji su međusobno udaljeni oko 300 km. Populacije ove vrste se često nalaze na izoliranim planinskim visinama te je unutar ove vrste najvjerojatnije prisutna genetska raznolikost kao posljedica više različitih mikrorefugija što je česta pojava kod visokoplaninskih biljaka na Balkanu (Frajman i Oxelman 2007, Kutnjak i sur. 2014, Surina i sur. 2014). Uzorci vrste *A. petraea* također se svi svrstavaju u skupinu B te ne formiraju veću grupu već samo jednu koja se sastoji od dva uzorka vrste *A. petraea* iz Slovenije A381 i A382 (64% BS i 0.99 PP). Za razliku od vrste *A. corymbosa*, populacije *A. petraea* karakteristično se nalaze u riječnim kanjonima koji također predstavljaju poznate mikrorefugije te su vjerojatno razlog dobivene genetske raznolikosti.

Vrste *A. corymbosa* i *A. petraea* su jasno odvojene od vrste *A. saxatilis* kako morfološki (napuhane vs. plosnate komuščice) tako i filogenetski budući da skupina B ima slabiju podršku (57% i 0.97 PP) baš zato jer se u njoj nalaze tri odvojene vrste. Međutim, lokalni protok gena nije isključen kao što se može vidjeti na primjeru grupiranja uzoraka vrste *A. petraea* (A467) i *A. saxatilis* (A466) iz Rumunjske koji tvore srednje podržanu grupu. Budući da je u analizi bio samo jedan uzorak *A. petraea* subsp. *microcarpa* nije moguće donijeti pouzdani zaključak o njegovom taksonomskom položaju te su potrebna detaljna populacijska istraživanja.

## *A. leucadea* i *A. sinuata*

*A. leucadea* i *A. sinuata* su oboje amfi-jadranske, hazmofitske vrste te su međusobno filogenetski najrodnije (Slika 4, Slika 5). *A. sinuata* je na hrvatskoj obali puno rasprostranjenija i ima kontinuiran areal pa veliki broj populacija dijeli iste haplotipove (Slika 2). S obzirom da veći broj populacija dijeli iste haplotipove vjerojatno se vrsta u određenom trenutku brzo proširila odnosno stalno je prisutan *gene flow*. *A. leucadea* nema tako kontinuirani areal kao *A. sinuata* pa su haplotipovi pojedinačni. Prisutna je izmjena genetskog materijala između ove dvije vrste što se može vidjeti na primjeru uzoraka vrste *A. leucadea* s Čiova A442, Cresa A149, A472 te A392 iz Splita koji čak dijeli isti haplotip kao populacije vrste *A. sinuata*.

Sedam uzoraka vrste *A. leucadea* odvaja se u skupinu koju čine uzorci sa hrvatskih pučinskih otoka i Italije dok drugih osam ne formira nikakvu veću skupinu. Nije iznenađujuće da su uzorci s pučinskih otoka genetski bliži onima iz Italije budući da je razina Jadranskog mora tijekom glacijala u pleistocenu bila i do 130 m niža te je tadašnja kopnena granica bila u razini srednje jadranske depresije (Dawson 1992, Frenzel i sur. 1992). Rezultati prethodnih istraživanja u slučaju biljnih (*Centaurea* subsect. *Phalolepis* (Cass.); Garcia-Jacas i sur. 2019, *Campanula garganica* skupina; Park i sur. 2006, *Cardamie maritima* skupina; Kučera i sur. 2010, *Edraianthus graminifolius* (L.) A. DC; Surina i sur. 2014, *Euphorbia barrelieri* skupina; Frajman i Schoenswetter 2017) i životinjskih vrsta (kornjaši iz porodica *Tenebrionidae* Latreille i *Curculionidae* Latreille; Gridelli 1950) pokazuju biogeografsku povezanost između Balkanskog i Apeninskog poluotoka. Zanimljivo je da dvije populacije s otoka Visa, A199 i A421, imaju poprilično različite haplotipove s obzirom na to da se nalaze na istom otoku te su međusobno udaljeni manje od 20 km. Takav obrazac može ukazivati na dulju genetsku izoliranost unutar dubokih otočnih uvala koja je prisutna usprkos maloj geografskoj udaljenosti. Uzorci *A. leucadea* s Korčule, Pelješca i Istre ne svrstavaju se u jednu od većih skupina što je najvjerojatnije također posljedica dulje vremenske izolacije.



## ZAKLJUČAK

Na temelju provedenih analiza na rodu *Aurinia* može se zaključiti sljedeće:

- analize kloroplastne regije *ndhF* pokazale su grupiranje svih sedam vrsta roda *Aurinia* u tri skupine koje se temelje primarno na geografskoj te djelomično na taksonomskoj osnovi,
- u sve tri provedene analize (haplotipska mreža, metoda maksimalne štedljivosti i Bayesovska filogenetska analiza) dolazi do odvajanja uzoraka u tri primarno geografski definirane skupine: uzorci vrste *A. saxatilis* iz Grčke, Albanije, Makedonije i Italije formiraju grupu zajedno s uzorcima vrste *A. moreana* i *A. gionae*; uzorci vrste *A. corymbosa*, *A. petraea* i *A. petraea* subsp. *microcarpa* odvojili su se zajedno s geografski bliskim uzorcima vrste *A. saxatilis* iz Makedonije, Češke, Bugarske, Rumunjske, Srbije, Albanije i srednje Europe; uzorci vrste *A. sinuata* i *A. leucadea* s Jadranskog mora zajedno s nekoliko uzoraka vrste *A. saxatilis* iz Rumunjske i Bugarske tvore treću skupinu,
- pojedinačne vrste roda *Aurinia* nije moguće genetski definirati na temelju analize kloroplastne regije *ndhF*, te dobiveni rezultati nisu u skladu s trenutnom taksonomijom,
- najrasprostranjenija vrsta roda, *A. saxatilis*, je ujedno i genetski najraznolikija vrsta,
- grčki endemi, *A. moreana* i *A. gionae*, su bliski srodnici vrste *A. saxatilis* i najvjerojatnije ne zaslužuju taksonomski status vrste,
- genetska raznolikost vrsta *A. corymbosa* i *A. petraea* ukazuje na potencijalno preživljavanje pleistocenskih klimatskih oscilacija u više nezavisnih mikrorefugija,
- amfi-jadranske vrste *A. leucadea* i *A. sinuata* su ujedno i filogenetski međusobno najrodnije, te je između njih prisutna izmjena genetskog materijala.

## LITERATURA

Akeroyd J. R., 1993. *Aurinia* (L.) Desv. U: Tutin T. G., Burges N. A., Chater A. O., Edmondson J. R., Heywood V. H., Moore D. M., Valentine D. H., Walters S. M., Webb D. A. (ur.), Flora Europaea Vol 1, 2nd ed. Cambridge University Press, Cambridge, 369-371.

Al-Shehbaz I. A. 2012. A generic and tribal synopsis of the Brassicaceae (Cruciferae). *Taxon* 61(5), 931-954.

Al-Shehbaz I. A., Beilstein M. A., Kellogg E. A. 2006. Systematics and phylogeny of the Brassicaceae (Cruciferae): an overview. *Plant Systematics and Evolution* 259(2-4), 89-120.

Avetisian V. E. 1983. The system of the family Brassicaceae. *Botanicheskii Zhurnal (Moscow & Leningrad)* 68, 1297-1305.

Beilstein M. A., Al-Shehbaz I. A., Kellogg E. A. 2006. Brassicaceae phylogeny and trichome evolution. *American Journal of Botany* 93(4), 607-619.

Beilstein M. A., Al-Shehbaz I. A., Mathews S., Kellogg E. A. 2008. Brassicaceae phylogeny inferred from phytochrome A and *ndhF* sequence data: tribes and trichomes revisited. *American Journal of Botany* 95, 1307-1327

Brown J. M., Hedtke S. M., Lemmon A. R., Lemmon E. M. 2009. When trees grow too long: investigating the causes of highly inaccurate Bayesian branch-length estimates. *Systematic Biology* 59(2), 145-161.

Buchanan B. B., Gruissem W., Jones R. L. (ur.). 2015. *Biochemistry and Molecular Biology of Plants*. John Wiley & Sons.

Catalán P., Kellogg E. A., Olmstead R. G. 1997. Phylogeny of Poaceae Subfamily Pooideae Based on Chloroplast *ndhF* Gene Sequences. *Molecular Phylogenetics and Evolution* 8(2), 150-166.

- Cecchi L. 2011. A reappraisal of *Phyllolepidum* (Brassicaceae), a neglected genus of the European flora, and its relationships in tribe Alyseae. *Plant Biosystems* 145(4), 818-831.
- Clark L. G., Zhang W., Wendel J. F. 1995. A phylogeny of the grass family (Poaceae) based on *ndhF* sequence data. *Systematic Botany* 20(4) 436-460.
- Clement M., Posada D., Crandall K. A. 2000. TCS: a computer program to estimate gene genealogies. *Molecular Ecology* 9(10), 1657-1659.
- Dawson A. G. 1992. *Ice Age Earth: Late Quaternary Geology and Climate*. Routledge.
- Desvaux N. A. 1815. *Aurinia, Lobularia*. *Journal de Botanique* 3, 162.
- Dudley T. R. 1964. Synopsis of the genus *Aurinia* in Turkey. *Journal of the Arnold Arboretum* 45(3), 390-400.
- Đurović S., Schönswetter P., Niketić M., Tomović G., Frajman B. 2017. Disentangling relationships among the members of the *Silene saxifraga* alliance (Caryophyllaceae): Phylogenetic structure is geographically rather than taxonomically segregated. *Taxon* 66(2), 343-364.
- Falch M., Schönswetter P., Frajman B. 2019. Both vicariance and dispersal have shaped the genetic structure of Eastern Mediterranean *Euphorbia myrsinites* (Euphorbiaceae). *Perspectives in Plant Ecology, Evolution and Systematics* 39, 125459.
- Felsenstein J. 1985. Confidence limits on phylogenies: an approach using the bootstrap. *Evolution* 39(4), 783-791.
- Frajman B., Oxelman, B. 2007. Reticulate phylogenetics and phytogeographical structure of *Heliosperma* (*Sileneae*, Caryophyllaceae) inferred from chloroplast and nuclear DNA sequences. *Molecular Phylogenetics and Evolution* 43(1), 140-155.
- Frajman B., Schönswetter P. 2017. Amphi-Adriatic distributions in plants revisited: Pleistocene trans-Adriatic dispersal in the *Euphorbia barrelieri* group (Euphorbiaceae). *Botanical Journal of the Linnean Society* 185(2), 240-252.

- Frenzel B., Pesci B., Velichko A. A. (ur.). 1992. Atlas of paleoclimates and paleoenvironments of the Northern Hemisphere. Geographical Research Institute, Hungarian Academy of Sciences, Budapest.
- Garcia-Jacas N., López-Pujol J., López-Vinyallonga S., Janačković P., Susanna A. 2019. *Centaurea* subsect. *Phalolepis* in Southern Italy: ongoing speciation or species overestimation? Genetic evidence based on SSRs analyses. *Systematics and Biodiversity* 17(2), 93-109.
- Gridelli E. 1950. II problema delle specie a diffusione attuale transadriatica con particolare riguardo ai Coleotteri. *Italian Journal of Zoology* 17(S2), 421-441.
- Gutiérrez Larena B., Fuertes Aguilar J., Nieto Feliner G. 2002. Glacial-induced altitudinal migrations in *Armeria* (Plumbaginaceae) inferred from patterns of chloroplast DNA haplotype sharing. *Molecular Ecology* 11(10), 1965-1974.
- Huelsenbeck J. P., Ronquist F. 2001. MRBAYES: Bayesian inference of phylogenetic trees. *Bioinformatics* 17(8), 754-755.
- Janchen E. 1942. Das system der Cruciferen. *Plant Systematics and Evolution*, 91(1), 1-28.
- Kim K. J., Jansen R. K. 1995. *ndhF* sequence evolution and the major clades in the sunflower family. *Proceedings of the National Academy of Sciences* 92(22), 10379-10383.
- Koch W. D. J. 1836 *Synopsis florae Germanicae et Helveticae*. S.F. Wilmans, Frankfurt.
- Krijgsman W., Hilgen F. J., Raffi I., Sierro F. J., Wilson D. S. 1999. Chronology, causes and progression of the Messinian salinity crisis. *Nature* 400(6745), 652.
- Kučera J., Marhold K., Lihová J. 2010. *Cardamine maritima* group (Brassicaceae) in the amphiadriatic area: A hotspot of species diversity revealed by DNA sequences and morphological variation. *Taxon* 59(1), 148-164.
- Kutnjak D., Kuttner M., Niketić M., Dullinger S., Schönswetter P., Frajman B. 2014. Escaping to the summits: phylogeography and predicted range dynamics of *Cerastium dinaricum*, an endangered high mountain plant endemic to the western Balkan Peninsula. *Molecular Phylogenetics and Evolution* 78, 365-374.
- Liber Z. 1996. Izolacija i komparacija kloroplastne i ukupne stanične DNA austrijskog crnog bora (*Pinus nigra* Arnold subsp. *nigra*) i dalmatinskog crnog bora (*Pinus nigra* Arnold subsp.

dalmatica (Vis.) Franco). Magistarski rad. Zagreb: Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu.

Médail, F., Diadema K. 2009. Glacial refugia influence plant diversity patterns in the Mediterranean Basin. *Journal of Biogeography* 36(7), 1333-1345.

Musacchio A., Pellegrino G., Cafasso D., Widmer A., Cozzolino, S. 2006. A unique *A. palustris* lineage across the Otranto strait: botanical evidence for a past land-bridge?. *Plant Systematics and Evolution* 262(1-2), 103-111.

Neyland R., Urbatsch L. E. 1996. Phylogeny of subfamily Epidendroideae (Orchidaceae) inferred from *ndhF* chloroplast gene sequences. *American Journal of Botany* 83(9), 1195-1206.

Nikolić T. 2015. Flora Croatica Database. Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet, Zavod za Botaniku.

Olmstead R.G., Reeves P.A. 1995. Evidence for the polyphyly of the Scrophulariaceae based on chloroplast *rbcL* and *ndhF* sequences. *Annals of the Missouri Botanical Garden*, 176-193.

Olmstead R. G., Sweere J. A. 1994. Combining data in phylogenetic systematics: an empirical approach using three molecular data sets in the Solanaceae. *Systematic Biology* 43(4), 467-481.

Park J. M., Liber Z., Eddie W. M., Schneeweiss G. M. 2006. Phylogeny and biogeography of isophyllous species of *Campanula* (Campanulaceae) in the Mediterranean area. *Systematic Botany* 31(4), 862-880.

Pignatti S. 1982. Flora d'Italia, vol. 1. Edagricole, Bologna.

Rambaut A., Drummond A. J., Suchard M. 2007. Tracer v1. 6 <http://beast.bio.ed.ac.uk>.

Rešetnik I. 2011. Molekularna filogenija tribusa *Alysseae* (Brassicaceae). Doktorska disertacija. Zagreb: Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu.

Rešetnik I., Šatović Z., Schneeweiss G. M., Liber Z. 2013. Phylogenetic relationships in Brassicaceae tribe *Alysseae* inferred from nuclear ribosomal and chloroplast DNA sequence data. *Molecular Phylogenetics and Evolution* 69(3), 772-786.

Sambrook J., Fritsch E. F., Maniatis T. 1989. Molecular cloning: a laboratory manual (No. Ed. 2). Cold Spring Harbor Laboratory Press.

Săvulescu T. (ur.) 1955. Flora Republicii Populare Romîne, Vol III. Editura Academiei Republicii Populare Romîne, Bukarest.

Schulz O. E. 1936. Cruciferae. U: Engler A., Prantl K. (ur.) Die natürlichen Pflanzenfamilien ed 2, 17B. Verlag von Wilhelm Engelmann, Leipzig, 227-658.

Scotland R. W., Sweere J. A., Reeves P. A., Olmstead R. G. 1995. Higher-level systematics of Acanthaceae determined by chloroplast DNA sequences. *American Journal of Botany* 82(2), 266-275.

Simpson M. G. 2005. *Plant Systematics*. Academic Press.

Španiel S., Kempa M., Salmerón-Sánchez E., Fuertes-Aguilar J., Mota J. F., Al-Shehbaz I. A., German D. A., Olšavská K., Šingliarová B., Zozomová-Lihová J., Marhold K. 2015. AlyBase: database of names, chromosome numbers, and ploidy levels of *Alyseae* (Brassicaceae), with a new generic concept of the tribe. *Plant Systematics and Evolution* 301(10), 2463-2491.

Surina B., Schneeweiss G. M., Glasnović P., Schönswetter P. 2014. Testing the efficiency of nested barriers to dispersal in the Mediterranean high mountain plant *Edraianthus graminifolius* (Campanulaceae). *Molecular Ecology* 23(11), 2861-2875.

Swofford D. L., Waddell P. J., Huelsenbeck J. P., Foster P. G., Lewis P. O., Rogers J. S. 2001. Bias in phylogenetic estimation and its relevance to the choice between parsimony and likelihood methods. *Systematic Biology* 50(4), 525-539.

Templeton A. R., Crandall K. A., Sing C. F. 1992. A cladistic analysis of phenotypic associations with haplotypes inferred from restriction endonuclease mapping and DNA sequence data. III. Cladogram estimation. *Genetics* 132(2), 619-633.

Velenovský J. 1889. *Lepidotrichum* Vel. Born eine neue Cruciferengattung aus dem Gebiete der pontischen Flora. *Plant Systematics and Evolution* 39(9), 322-324.

von Hayek A. 1911. Entwurf eines Cruciferen-systems auf phylogenetischer Grundlage. Beihefte Bot Centralblatt 27, 127-335.

Záveská E., Maylandt C., Paun O., Bertel C., Frajman B., Schönswetter P., STEPPE Consortium 2019. Multiple auto-and allopolyploidisations marked the Pleistocene history of the widespread

Eurasian steppe plant *Astragalus onobrychis* (Fabaceae). *Molecular Phylogenetics and Evolution* 139, 106572.

Warwick S. I., Sauder C. A., Al-Shehbaz I. A. 2008. Phylogenetic relationships in the tribe *Alysseae* (Brassicaceae) based on nuclear ribosomal ITS DNA sequences. *Botany* 86(4), 315-336.

## **PRILOZI**

**Prilog 1.** Uzorci istraživanih vrsta roda *Aurinia* i uzorci rodova *Bertero*a, *Galitzkya* i *Fibigia* s podacima i provedenim analizama.

**Prilog 2.** Višestruko sraunjene sekvence *ndhF* regije uzoraka roda *Aurinia* (nalazi se na priloženom CD-u)



## Prilog 1

**Tablica 1.** Uzorci istraživanih vrsta roda *Aurinia* i uzorci rodova *Berteroa*, *Galitzkyia* i *Fibigia* s podacima i provedenim analizama.

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
1	360	<i>Aurinia corymbosa</i>	2	Makedonija		13.07.2012	+	+	+	+
2	379	<i>Aurinia corymbosa</i>	1	Crna Gora	Prokletije, Visitor, između Vidikovca i Presla.	27.06.2013	+	+	+	+
3		<i>Aurinia corymbosa</i>	2							
4	389	<i>Aurinia corymbosa</i>	1	Crna Gora	Prokletije, Volušnica.	28.06.2013	+	+	+	+
5		<i>Aurinia corymbosa</i>	2							
6	406	<i>Aurinia corymbosa</i>	1	Albanija	Okrug Dibër (Rrethi i Dibrës), planina Korab (Mali i Korabit), 4 km istočno od grada Peshkopi, između sela Bellovë i Zagrad, na evaporitnom grebenu; na otvorenom travnjaku na evaporitu.	20.06.2014	+			
7		<i>Aurinia corymbosa</i>	2							
8	407	<i>Aurinia corymbosa</i>	1	Makedonija	Galičica, stijena uz cestu.	21.06.2014	+			
9		<i>Aurinia corymbosa</i>	2							
10	447	<i>Aurinia corymbosa</i>	1	Grčka	Olympus Mt., from Prionia to Katafigium.	21.06.2015	+	+	+	+
11		<i>Aurinia corymbosa</i>	2							
12	454	<i>Aurinia corymbosa</i>	1	Grčka	Ravine of Stomion from the bridge of Konitsa to Moni Stomion, on the walls of Moni Stomion.	27.06.2015	+	+	+	+
13		<i>Aurinia corymbosa</i>	2							
14	481	<i>Aurinia corymbosa</i>	1	Srbija	Panina Medvednik.	09.07.2015	+	+	+	+
15		<i>Aurinia corymbosa</i>	2							
16	482	<i>Aurinia corymbosa</i>	1	Srbija	Mileševka kanjon, desna strana.	28.07.2015	+			

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
17		<i>Aurinia corymbosa</i>	2							
18	483	<i>Aurinia corymbosa</i>	1	Albanija	Planine Prokletije, Ropojana.	27.08.2015	+			
19		<i>Aurinia corymbosa</i>	2							
20	484	<i>Aurinia corymbosa</i>	2	Crna Gora	Planina Durmitor, Crvene stene.	28.08.2015	+	+	+	+
21	452	<i>Aurinia gionae</i>	2	Grčka	<i>Gionae</i> .	25.06.2015	+	+	+	+
22	159	<i>Aurinia leucadea</i>	1	Hrvatska	Mala Palagruža.	24.04.2008	+	+	+	+
23		<i>Aurinia leucadea</i>	2							
24	161	<i>Aurinia leucadea</i>	1	Hrvatska	Jabuka.		+	+	+	+
25		<i>Aurinia leucadea</i>	2							
26	199	<i>Aurinia leucadea</i>	1	Hrvatska	Vis, Stiniva.	11.04.2009	+	+	+	+
27		<i>Aurinia leucadea</i>	2							
28	361	<i>Aurinia leucadea</i>	1	Hrvatska	Pelješac, Bilopolje, okomite stijene oko 200m od crkve i vidikovca.	17.06.2012	+	+	+	+
29		<i>Aurinia leucadea</i>	2							
30	392	<i>Aurinia leucadea</i>	1	Hrvatska	Split, Marjan, prema crkvi sv. Jere.	26.09.2013	+	+	+	+
31		<i>Aurinia leucadea</i>	2							
32	413	<i>Aurinia leucadea</i>	1	Italija	Capo di Leuca, stijene ispod Basilica Santuario "Santa Maria de Finibus Terrae" Santa Maria di Leuca.	28.06.2014	+	+	+	+
33		<i>Aurinia leucadea</i>	2							
34	414	<i>Aurinia leucadea</i>	1	Italija	Castro, stijene iznad grotta Zinzulusa.	29.06.2014	+	+	+	+
35		<i>Aurinia leucadea</i>	2							
36	415	<i>Aurinia leucadea</i>	1	Italija	Između Santa Cesarea terme i Porto Badisco, Torre Minervina.	29.06.2014	+			
37		<i>Aurinia leucadea</i>	2							
38	416	<i>Aurinia leucadea</i>	1	Italija	Gallipoli, Torre dell'Alto-Porto Selvaggio.	29.06.2014	+	+	+	+
39		<i>Aurinia leucadea</i>	2							

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
40	421	<i>Aurinia leucadea</i>	1	Hrvatska	Vis, uvala Pritišćina.	24.08.2014	+	+	+	+
41		<i>Aurinia leucadea</i>	2							
42	422	<i>Aurinia leucadea</i>	1	Hrvatska	Istra, Limski kanal, stijene uz cestu od vidikovca prema kanalu.	03.10.2014				
43		<i>Aurinia leucadea</i>	2							
44	423	<i>Aurinia leucadea</i>	1	Hrvatska	Istra, Kožljak, od Zagrada prema kaštelu stari Kožljak, stijene uz put.	05.10.2014	+	+	+	+
45		<i>Aurinia leucadea</i>	2							
46	424	<i>Aurinia leucadea</i>	1	Hrvatska	Istra, Brseč, uz glavnu cestu.	05.10.2014	+			
47		<i>Aurinia leucadea</i>	2							
48	442	<i>Aurinia leucadea</i>	1	Hrvatska	Otok Čiovo, Gospa od Prizidnice.	2014	+	+	+	+
49		<i>Aurinia leucadea</i>	2							
50	470	<i>Aurinia leucadea</i>	2	Hrvatska	Vela Palagruža.	27.05.2016	+	+	+	+
51	472	<i>Aurinia leucadea</i>	1	Hrvatska	Cres, Lubenice.	2016	+	+	+	+
52		<i>Aurinia leucadea</i>	2							
53	490	<i>Aurinia leucadea</i>	1	Hrvatska	Korčula, Pupnatska luka, Doli, jadranska magistrala između Doli.		+	+	+	+
54		<i>Aurinia leucadea</i>	2							
55		<i>Aurinia leucadea</i>	3							
56		<i>Aurinia leucadea</i>	4							
57		<i>Aurinia leucadea</i>	5							
58	149	<i>Aurinia leucadea</i>	1	Hrvatska	Cres, Lubenice.	25.06.2008	+	+	+	+
59	417	<i>Aurinia microcarpa</i>	2	Bosna i Hercegovina	Vlašić, Paklarske stijene.	23.07.2014	+	+	+	+
60	418	<i>Aurinia microcarpa</i>	1	Bosna i Hercegovina	Mostar, Rujište.	25.07.2014	+			
61		<i>Aurinia petraea</i> subsp. <i>microcarpa</i>	2				+			
62	419	<i>Aurinia petraea</i> subsp. <i>microcarpa</i>	1	Hrvatska	Biokovo.	26.07.2014	+			

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
63		<i>Aurinia petraea</i> subsp. <i>microcarpa</i>	2				+			
64	450	<i>Aurinia moreana</i>	1	Grčka	Peloponnese, Vouraikos tjesnac, Portas željeznička postaja.	22.06.2015	+	+	+	+
65		<i>Aurinia moreana</i>	2							
66	363	<i>Aurinia petraea</i>	1	Rumunjska	Banat, Carasova.	09.09.2012	+	+	+	+
67		<i>Aurinia petraea</i>	2							
68	381	<i>Aurinia petraea</i>	1	Slovenija	Modrej, sipari iznad sela.	14.09.2013	+	+	+	+
69		<i>Aurinia petraea</i>	2							
70	382	<i>Aurinia petraea</i>	1	Slovenija	Trnovo ob Soči, put prema Magozdu, kamenjar.	15.09.2013	+	+	+	+
71		<i>Aurinia petraea</i>	2							
72	383	<i>Aurinia petraea</i>	1	Italija	Gemona del Friuli, M. Glemina l.c., iza katedrale put prema vrhu.	15.09.2013	+			
73	401	<i>Aurinia petraea</i>	1	Srbija	Gornjačka klisura, stijena uz cestu.	19.06.2014	+			
74		<i>Aurinia petraea</i>	2							
75	402	<i>Aurinia petraea</i>	6	Srbija	Klisura Resave, stijena uz cestu.	19.06.2014	+			
76		<i>Aurinia petraea</i>	7							
77	403	<i>Aurinia petraea</i>	6	Srbija	Sičevačka klisura.	19.06.2014	+			
78		<i>Aurinia petraea</i>	7							
79	412	<i>Aurinia petraea</i>	6	Albanija	Shengjin, uz cestu neposredno prije ulaza u grad, kod kamenoloma.	26.06.2014	+			
80		<i>Aurinia petraea</i>	7							
81	467	<i>Aurinia petraea</i>	1	Rumunjska	Romania, Caras-Severin, Baile Herculane, Prolaz.	30.06.2016	+	+	+	+
82		<i>Aurinia petraea</i>	2							
83	468	<i>Aurinia petraea</i>	2	Rumunjska	Romania, Caras-Severin, Valea Minisului, između Boozovici i Anina, stijene uz cestu.	30.06.2016	+	+	+	+
84	459	<i>Aurinia petraea</i>	1	Srbija	Đerdapska klisura, Golubac, stijena uz rub ceste.	25.06.2016				

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
85		<i>Aurinia petraea</i>	2							
86	173	<i>Aurinia saxatilis</i>	1	Rumunjska	Caras-Severin, Muntii Almajului, 2km od vodopada Bigar (18km od grada Svinita).	04.05.2007	+			
87		<i>Aurinia saxatilis</i>	2							
88	176	<i>Aurinia saxatilis</i>	1	Italija	Abriola, južno od grada Potenza.	07.06.2007	+			
89		<i>Aurinia saxatilis</i>	2							
90	177	<i>Aurinia saxatilis</i>	1	Bugarska	Rebrovo, sjeverno od Sofije, pored rijeke Iskr u blizini ceste prema Svoqe.	08.05.2007	+			
91		<i>Aurinia saxatilis</i>	2							
92	178	<i>Aurinia saxatilis</i>	1	Srbija	Stijene pored ceste prema selu Topli do (SI od Pirot).	17.05.2008	+	+	+	+
93		<i>Aurinia saxatilis</i>	2							
94	181	<i>Aurinia saxatilis</i>	1	Grčka	Između Karpanisi i Anatoliki Frangista (6km od Karpenisi), vapnenac.	02.06.2008	+			
95		<i>Aurinia saxatilis</i>	2							
96	182	<i>Aurinia saxatilis</i>	3	Grčka	Krokillo, iznad sela u blizini ceste.	01.06.2008	+			
97		<i>Aurinia saxatilis</i>	5							
98	183	<i>Aurinia saxatilis</i>	1	Slovačka	Sulovske vrchy, Zaskalie, Maninska tiesnava.	27.05.2006	+			
99		<i>Aurinia saxatilis</i>	2							
100	274	<i>Aurinia saxatilis</i>	1	Makedonija	Ohrid.	14.07.2009	+			
101		<i>Aurinia saxatilis</i>	2							
102	359	<i>Aurinia saxatilis</i>	1	Italija	Volturino, 843 metara nadmorske visine.	2011?	+	+	+	+
103		<i>Aurinia saxatilis</i>	2							
104	364	<i>Aurinia saxatilis</i>	1	Grčka	Kefalonia, tjesnac zapadno od mjesta Poros, pukotine u stijenama.	28.04.2012	+	+	+	+
105		<i>Aurinia saxatilis</i>	2							

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
106	365	<i>Aurinia saxatilis</i>	1	Grčka	Ithaka, cesta prema samostanu Taxi Achron, pukotine u stijenama.	30.04.2012	+	+	+	+
107		<i>Aurinia saxatilis</i>	2							
108	366	<i>Aurinia saxatilis</i>	1	Albanija	Ura e Lapave	13.07.2012	+			
109		<i>Aurinia saxatilis</i>	2							
110	367	<i>Aurinia saxatilis</i>	1	Srbija	Soko Banja, Soko Grad.	02.06.2011	+			
111		<i>Aurinia saxatilis</i>	2							
112	368	<i>Aurinia saxatilis</i>	1	Makedonija	Crni Drim.	13.07.2012	+	+	+	+
113		<i>Aurinia saxatilis</i>	2							
114	378	<i>Aurinia saxatilis</i>	1	Makedonija	Konjsko.	24.08.2012	+	+	+	+
115		<i>Aurinia saxatilis</i>	2							
116	384	<i>Aurinia saxatilis</i>	1	Albanija	Tepelenë, na zidinama dvorca, okrug Tepelenë (Rrethi i Tepelenës); na brijegu i na zidinama dvorca Tepelenë; na vapnenačkim stijenama.	24.06.2013	+	+	+	+
117		<i>Aurinia saxatilis</i>	2							
118	385	<i>Aurinia saxatilis</i>	1	Albanija	Palermo, okrug Vlorë (Rrethi i Vlorës); poluotok Palermo u blizini sela Qeparo; na vapnenačkim stijenama pored ceste uz more.	25.06.2013	+	+	+	+
119		<i>Aurinia saxatilis</i>	2							
120	386	<i>Aurinia saxatilis</i>	1	Albanija	Vlorë, okrug Vlorë (Rrethi i Vlorës), južno od grada Vlorë, na vapnenačkim liticama pored ceste uz more.	25.06.2013	+	+	+	+
121		<i>Aurinia saxatilis</i>	2							
122	387	<i>Aurinia saxatilis</i>	1	Albanija	Mjedë, okrug Shkodër (Rrethi i Shkodrës), otprilike 1.25 km sjeverno od sela Mjedë, u dolini rijeke "Drin", vapnenačke stijene.	26.06.2013	+	+	+	+

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
123		<i>Aurinia saxatilis</i>	2							
124	396	<i>Aurinia saxatilis</i>	1	Italija	Puglia, Taranto, Gravina di Laterza.		+	+	+	+
125		<i>Aurinia saxatilis</i>	2							
126	400	<i>Aurinia saxatilis</i>	1	Mađarska	Komárom-Esztergom county, planina Öreg-kő iznad sela Bajót; na vapnenačkim liticama, 327 m nadmorske visine.	30.05.2014	+	+	+	+
127		<i>Aurinia saxatilis</i>	2							
128	404	<i>Aurinia saxatilis</i>	2	Srbija	stijena uz cestu Niš-Vranje, prije tunela Kržince.	19.06.2014	+	+	+	+
129		<i>Aurinia saxatilis</i>	6							
130	405	<i>Aurinia saxatilis</i>	1	Makedonija	Vrutok, podnožje Šar-planine, stijena uz cestu.	20.06.2014	+	+	+	+
131		<i>Aurinia saxatilis</i>	2							
132	408	<i>Aurinia saxatilis</i>	1	Grčka	zapadno od mjesta Pili, kod mosta, stijene uz cestu.	24.06.2014	+			
133		<i>Aurinia saxatilis</i>	2							
134	410	<i>Aurinia saxatilis</i>	1	Grčka	Sikiá.	25.06.2014	+	+	+	+
135		<i>Aurinia saxatilis</i>	2							
136	411	<i>Aurinia saxatilis</i>	1	Grčka	Kandila.	26.06.2014	+			
137		<i>Aurinia saxatilis</i>	2							
138	425	<i>Aurinia saxatilis</i>	1	Austrija	Niža Austria (Niederösterreich), Wachau: Kanzel, c. 1.2 km sjeverno od grada Dürnstein, Bezirk (okrug): Krems-Land; 315 m nadmorske visine, 15°30'55.9"E, 48°24'20.5".	03.06.2014	+	+	+	+
139		<i>Aurinia saxatilis</i>	2							
140	426	<i>Aurinia saxatilis</i>	1	Makedonija	Bregalnica, brdo iznad Bekirlijske rijeke, laporci.	06.07.2014	+	+	+	+
141		<i>Aurinia saxatilis</i>	2							
142	427	<i>Aurinia saxatilis</i>	1	Makedonija	Demir Kapija.	07.07.2014	+	+	+	+

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
143		<i>Aurinia saxatilis</i>	2							
144	428	<i>Aurinia saxatilis</i>	1	Makedonija	Stenje, pješćana obala uz Prespansko jezero.	11.06.2014	+	+	+	+
145		<i>Aurinia saxatilis</i>	2							
146	429	<i>Aurinia saxatilis</i>	1	Češka	Bechyně, stijene uz stari samostan.	09.08.2014	+	+	+	+
147		<i>Aurinia saxatilis</i>	2							
148	430	<i>Aurinia saxatilis</i>	1	Češka	Český Krumlov, vapnenačke stijene ispod dvorca.	22.06.2014	+	+	+	+
149		<i>Aurinia saxatilis</i>	2							
150	433	<i>Aurinia saxatilis</i>	1	Bugarska	istočni Rodopi, Krđali, tvrđava Monck.	26.07.2014	+	+	+	+
151		<i>Aurinia saxatilis</i>	2							
152	434	<i>Aurinia saxatilis</i>	1	Bugarska	Rila, kod sela Pastra.	29.07.2014	+	+	+	+
153		<i>Aurinia saxatilis</i>	2							
154	435	<i>Aurinia saxatilis</i>	1	Bugarska	Beledi Han.	31.07.2014	+	+	+	+
155		<i>Aurinia saxatilis</i>	2							
156	436	<i>Aurinia saxatilis</i>	1	Grčka	Farsala.	07.08.2014	+	+	+	+
157		<i>Aurinia saxatilis</i>	2							
158	437	<i>Aurinia saxatilis</i>	1	Grčka	Mistras.	10.08.2014	+	+	+	+
159		<i>Aurinia saxatilis</i>	2							
160	443	<i>Aurinia saxatilis</i>	1	Austrija	Niža Austrija (Niederösterreich), Waldviertel: Tal der Kleinen Krens u blizini dvorca Burg Hartenstein, 1 km zapad-sjeverozapadno od grada Purkersdorf, Bezirk (okrug): Krems-Land; 500 m nadmorske visine, 15°24'00.2"E, 48°26'50.5".	28.08.2014	+			
161		<i>Aurinia saxatilis</i>	2							
162	444	<i>Aurinia saxatilis</i>	1	Češka	Prague, stijene ispod Vyšehrad dvorca uz Vltavu.	06.04.2015	+	+	+	+
163		<i>Aurinia saxatilis</i>	2							



	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
164	445	<i>Aurinia saxatilis</i>	1	Poljska	Pieniny planine, u blizini ruševina dvorca Czorsztyń.	30.07.2014	+	+	+	+
165		<i>Aurinia saxatilis</i>	2							
166	448	<i>Aurinia saxatilis</i>	1	Grčka	Olimp, uz cestu za Prioniu.	21.06.2015	+	+	+	+
167		<i>Aurinia saxatilis</i>								
168	449	<i>Aurinia saxatilis</i>	1	Grčka	Poluotok Peloponez, Vouraikos tjesnac, selo Zachlorou.	22.06.2015	+	+	+	+
169		<i>Aurinia saxatilis</i>	2							
170	451	<i>Aurinia saxatilis</i>	1	Grčka	Poluotok Peloponez, Chelmos, Mesorrougi.	23.06.2015	+	+	+	+
171		<i>Aurinia saxatilis</i>	2							
172	453	<i>Aurinia saxatilis</i>	1	Grčka	Meteora, ispod samostana Rousanou/St. Barbara.	27.06.2015	+	+	+	+
173		<i>Aurinia saxatilis</i>	2							
174	455	<i>Aurinia saxatilis</i>	1	Grčka	Planina Timfi, selo Micro Papingo	28.06.2015	+	+	+	+
175		<i>Aurinia saxatilis</i>	2							
176	456	<i>Aurinia saxatilis</i>	2	Grčka	Kozani.	28.06.2015	+	+	+	+
177		<i>Aurinia saxatilis</i>	3							
178	460	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Constanta, Podișul Dobrogei, Cheia, Rez. Cheia.	26.06.2016	+	+	+	+
179		<i>Aurinia saxatilis</i>	2							
180	461	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Tulcea, istočno od grada Macin, Culmea Pricopanului.	26.06.2016	+	+	+	+
181		<i>Aurinia saxatilis</i>	2							
182	462	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Neamt, Bicaș, stijena pored ceste.	27.06.2016	+	+	+	+
183		<i>Aurinia saxatilis</i>	2							
184	463	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Neamt, Bicaș-Chei, stijena pored ceste, pored ulaza u park.	27.06.2016	+	+	+	+
185		<i>Aurinia saxatilis</i>	2							
186	464	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Cluj, Turda, Cheia Tutului.	28.06.2016	+	+	+	+

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
187		<i>Aurinia saxatilis</i>	2							
188	465	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Mehenditi, Orsova, Virciorova, stijene uz cestu.	30.06.2016	+	+	+	+
189		<i>Aurinia saxatilis</i>	2							
190	466	<i>Aurinia saxatilis</i>	1	Rumunjska	Romania, Caras-Severin, Topleť, uz cestu i željezničku prugu.	30.06.2016				
191		<i>Aurinia saxatilis</i>	2				+	+	+	+
192	485	<i>Aurinia saxatilis</i>	1	Makedonija	Novo Negovičan, bazalt.	21.04.2008	+	+	+	+
193		<i>Aurinia saxatilis</i>	2							
194	486	<i>Aurinia saxatilis</i>	1	Makedonija	Kanjon Treske.	20.04.2008	+	+	+	+
195		<i>Aurinia saxatilis</i>	2							
196	488	<i>Aurinia saxatilis</i>	1	Bugarska	Između sela Knyazevo i Srem (istočno od grada Topolovgrad), granitne stijene uz cestu u dolini rijeke Tundja.	11.04.2015	+	+	+	+
197		<i>Aurinia saxatilis</i>	2							
198	489	<i>Aurinia saxatilis</i>	1	Slovačka	Bratislava, dvorac Devin.	09. 2017	+	+	+	+
199		<i>Aurinia saxatilis</i>	2							
200	411	<i>Aurinia saxatilis</i>	2	Grčka	Kandila.	26.06.2014				
201	426	<i>Aurinia saxatilis</i>	2	Makedonija	Bregalnica, brdo iznad Bekirlijske reke, laporci.	06.07.2014				
202	492	<i>Aurinia saxatilis</i>	1	Grčka	Chios, planina Pelineo, SI od sela Spartounta, vapnenačke stijene, 955m nadmorske visine.		+	+	+	+
203		<i>Aurinia saxatilis</i>	2							
204		<i>Aurinia saxatilis</i>	3							
205		<i>Aurinia saxatilis</i>	4							
206		<i>Aurinia saxatilis</i>	5							

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
207	493	<i>Aurinia saxatilis</i>	1	Grčka	Samos, Oros Kerkis, iznad samostana Evangelistriasis(650m), 831m nadmorske visine.		+	+	+	+
208		<i>Aurinia saxatilis</i>	2							
209		<i>Aurinia saxatilis</i>	3							
210		<i>Aurinia saxatilis</i>	7							
211		<i>Aurinia saxatilis</i>	9							
212	494	<i>Aurinia saxatilis</i>	1	Grčka	Samos, Oros Ambelos (planine), planine Lazarou (1025m nadmorske visine), zapadna ekspozicija, južno od sela Vourliotes, 942m nadmorske visine		+	+	+	+
213		<i>Aurinia saxatilis</i>	2							
214		<i>Aurinia saxatilis</i>	3							
215		<i>Aurinia saxatilis</i>	4							
216		<i>Aurinia saxatilis</i>	6							
217	265	<i>Aurinia saxatilis</i>	1	Makedonija	Stenje, Prespansko jezero.	11.07.2009	+	+	+	+
218	355	<i>Aurinia sinuata</i>	1	Hrvatska	Kozjak, Malačka.	19.05.2011	+	+	+	+
219		<i>Aurinia sinuata</i>	2							
220	356	<i>Aurinia sinuata</i>	1	Hrvatska	Mosor, stijene iznad Kučina.	24.05.2011	+	+	+	+
221		<i>Aurinia sinuata</i>	2							
222	357	<i>Aurinia sinuata</i>	1	Hrvatska	Knin, Krčić.	05.2011	+	+	+	+
223		<i>Aurinia sinuata</i>	2							
224	369	<i>Aurinia sinuata</i>	1	Hrvatska	Otok Krk, Baška, prema crkvi sv. Ilija.	07.06.2012	+			
225		<i>Aurinia sinuata</i>	2							
226	370	<i>Aurinia sinuata</i>	1	Hrvatska	kanjon Velike Paklenice.	08.06.2012	+	+	+	+
227		<i>Aurinia sinuata</i>	2							
228	371	<i>Aurinia sinuata</i>	1	Hrvatska	Karlobag, prema Baškim Oštarijama.	08.06.2012	+	+	+	+
229		<i>Aurinia sinuata</i>	2							

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
230	372	<i>Aurinia sinuata</i>	1	Hrvatska	Otok Rab.	08.06.2012	+	+	+	+
231		<i>Aurinia sinuata</i>	2							
232	373	<i>Aurinia sinuata</i>	1	Hrvatska	Omiš.	09.06.2012	+	+	+	+
233		<i>Aurinia sinuata</i>	2							
234	374	<i>Aurinia sinuata</i>	1	Hrvatska	Živogošće.	09.06.2012	+	+	+	+
235		<i>Aurinia sinuata</i>	2							
236	375	<i>Aurinia sinuata</i>	1	Hrvatska	Krvavica, sjeverno od Makarske, uz obalu mora, uvala Ramova.	16.06.2012	+			
237		<i>Aurinia sinuata</i>	2							
238	376	<i>Aurinia sinuata</i>	1	Hrvatska	Dugi otok, PP Telaščica, Grpaščak, klifovi.	07.07.2012	+	+	+	+
239		<i>Aurinia sinuata</i>	2							
240	388	<i>Aurinia sinuata</i>	1	Hrvatska	Klek, na granici s BiH, uz cestu.	22.06.2013	+	+	+	+
241		<i>Aurinia sinuata</i>	2							
242	398	<i>Aurinia sinuata</i>	1	Hrvatska	Vransko jezero, jugozapadno od Banjevaca, kamenjar uz rub puta kroz makiju crnike, 80m nadmorske visine.	09.06.14.	+	+	+	+
243		<i>Aurinia sinuata</i>	2							
244	399	<i>Aurinia sinuata</i>	1	Hrvatska	Šibenik, brdo Kamenar, rub puta kroz kamenarski travnjak, 180m nadmorske visine.	10.06.14.	+	+	+	+
245		<i>Aurinia sinuata</i>	2							
246	420	<i>Aurinia sinuata</i>	1	Hrvatska	Biokovo.	26.07.2014	+	+	+	+
247		<i>Aurinia sinuata</i>	2				+			
248	439	<i>Aurinia sinuata</i>	1	Hrvatska	PP Telaščica, Dugi otok, Cuška Dumboka.	15.12.2013	+	+	+	+
249		<i>Aurinia sinuata</i>	2							
250	440	<i>Aurinia sinuata</i>	1	Hrvatska	NP Kornati, otok Purara.	16.12.2013	+	+	+	+
251		<i>Aurinia sinuata</i>	2							

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
252	441	<i>Aurinia sinuata</i>	1	Hrvatska	Otok Čiovo, Gospa od Prizidnice.	2013	+			
253		<i>Aurinia sinuata</i>	2							
254	446	<i>Aurinia sinuata</i>	1	Hrvatska	Split, južna strana Marjana, iza prvog zavoja ceste koja se penje od glavne ceste; krš, borova šuma i uz cestu.	06.05.2015	+			
255		<i>Aurinia sinuata</i>	2							
256	457	<i>Aurinia sinuata</i>	6	Hrvatska	Abruzzi, Chieti: ruševine srednjovjekovnog grada Gessopallena; 648m nadmorske visine.	30.08.2015	+	+	+	+
257		<i>Aurinia sinuata</i>	7							
258	458	<i>Aurinia sinuata</i>	1	Hrvatska	Puglia, Gargano: brdo na kojem je kapelica "Madonna di Cristo", 2,2 km JI od sela Rignano Garganico; 160m nadmorske visine.	30.08.2015	+	+	+	+
259		<i>Aurinia sinuata</i>	6							
260	469	<i>Aurinia sinuata</i>	1	Hrvatska	Selo Šegote, južno od Senja.	17.04.2016	+	+	+	+
261		<i>Aurinia sinuata</i>	2							
262	471	<i>Aurinia sinuata</i>	1	Hrvatska	Cres, Lubenice.	2016	+	+	+	+
263		<i>Aurinia sinuata</i>	2							
264	473	<i>Aurinia sinuata</i>	1	Hrvatska	Lošinj.	2016	+			
265		<i>Aurinia sinuata</i>	2							
266	474	<i>Aurinia sinuata</i>	1	Hrvatska	Zakosa.	2016	+	+	+	+
267		<i>Aurinia sinuata</i>	2							
268	475	<i>Aurinia sinuata</i>	1	Hrvatska	Križanje Priovac-Tisno.	17.05.2016	+			
269		<i>Aurinia sinuata</i>	2							
270	477	<i>Aurinia sinuata</i>	1	Hrvatska	Između mjesta Lukovo i Sv. Juraj, jadranska magistrala, rub ceste.	26.08.2016	+	+	+	+
271		<i>Aurinia sinuata</i>	2							
272	478	<i>Aurinia sinuata</i>	1	Hrvatska	Dalmacija, Drage, uz obalu mora.	25.09.2016	+			
273		<i>Aurinia sinuata</i>	2							

	ID	Svojta	Broj jedinke	Država	Lokalitet ili GenBank broj	Datum sakupljanja	Umnažanje PCR-om	MP	BI	Mreža haplotipova
274	479	<i>Aurinia sinuata</i>	1	Hrvatska	NP Krka, Oziđana pećina.	25.09.2016	+			
275		<i>Aurinia sinuata</i>	2							
276	480	<i>Aurinia sinuata</i>	1	Hrvatska	Korčula, Babinske lokve.	23.10.2016	+			
277		<i>Aurinia sinuata</i>	2							
278	496	<i>Aurinia sinuata</i>	1							
279		<i>Aurinia sinuata</i>	2							
280		<i>Aurinia sinuata</i>	3							
281		<i>Aurinia sinuata</i>	4							
282	491	<i>Aurinia sinuata</i>	1	Hrvatska	Doli, jadranska magistrala između Doli-Neum, uz cestu.		+	+	+	+
283		<i>Berteroa incana</i>			KF022955			+	+	
284		<i>Berteroa mutabilis</i>			KF022956			+	+	
285		<i>Fibigia clypeata</i>			KF022972			+	+	
286		<i>Galitzkya macrocarpa</i>			KF022982			+	+	
287		<i>Galitzkya potaninii</i>			KF022983			+	+	
288		<i>Aurinia moreana</i>			KF022942					+

# Životopis

## Školovanje:

- 2002.-2010. Osnovna škola Vazmoslava Gržalje, Livade.
- 2011.-2014. Gimnazija i strukovnu školu Jurja Dobrile-GSŠJD, Pazin.
- 2014.-2017. Sveučilišni prvostupnik struke Znanosti o okolišu, Prirodolovno-matematički fakultet, Sveučilište u Zagrebu .

## Ostalo:

- Rujan 2018-u suradnji s neposrednim voditeljem diplomskog rada. sc Ivanom Rešetnik sudjelovao na sedmom Balkanskom Botaničkom Kongresu u Novom Sadu sa izlaganjem postera s preliminarnim rezultatima diplomskog rada.

Bartolić P., Liber Z., Bogdanović S., Rešetnik I. 2018. Molecular phylogeny of the genus *Aurinia* (Brassicaceae) – preliminary report. U: VII Balkan Botanical Congress „Plant Taxonomy and Systematics“. Book of abstracts Novi Sad, Serbia, 61.

- Veljača 2019-Erasmus + stručna praksa na Institutu za Botaniku, Sveučilište u Innsbrucku.

1

A_sax_449_1_GR_Peloponez	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_437_1_GR_Mistras	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_455_1_GR_Timfi	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_396_1_IT_Puglia	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_364_1_GR_Kefalonia	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_365_1_GR_Ithaka	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_384_1_AL_Tepelene	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_385_1_AL_Vlore	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_428_1_MK_Stenje	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_436_1_GR_Farsala	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_451_1_GR_Peloponez	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_359_1_IT_Volturino	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_378_1_MK_Konjsko	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_386_1_AL_Vlore	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_410_1_GR_Sikia	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_448_1_GR_Olimp	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_453_1_GR_Meteora	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_456_2_GR_Kozani	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_265_1_MK_Stenje	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_gio_452_2_GR_Gionae	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_493_1_GR_Samos	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_494_1_GR_Samos	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_492_1_GR_Chios	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_445_1_PO_Czorsztyn	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_404_2_RS_KrÅ%nice	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_465_1_RO_Orsova	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCG	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_405_2_MK_Vrutok	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_486_1_MK_Treske	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_368_1_MK_Crni_Drim	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGTTCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_387_1_AL_Mjede	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_429_1_CZ_Bechyne	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACAT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_430_1_CZ_Cesky_Krumlov	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACAT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_360_1_MK_Crni_Drim	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_481_1_RS_Medvednik	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_379_1_ME_Prokletije	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_389_2_ME_Prokletije	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_484_2_ME_Durmitor	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_454_2_GR_Moni_Stomion	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_cory_447_1_GR_Olympus	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_micro_417_1_BA_Vlasic	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_pet_381_1_SLO_Modrej	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_pet_382_1_SL_Trnovo	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_pet_468_2_RO_Caras_Severin	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_pet_467_1_RO_Caras_Severin	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_pet_363_1_RO_Caras_Severin	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_400_1_HU_Oreg-ko	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_485_1_MK_Novo_Negovican	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_427_1_MK_Demir_Kapija	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_426_1_MK_Bregalnica	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_178_1_RS_Topli	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_434_1_BG_Rila	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT



A_sax_435_1_BG_Beledi_Han	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_425_1_AU_Durnstein	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_444_1_CZ_Prague	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_489_1_SK_Bratislava	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_466_3_RO_Caras_Severin	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_460_1_RO_Cheia	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_464_1_RO_Cluj	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_488_1_BG_Topolovograd	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_433_1_BG_Krdali	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_461_1_RO_Tulcea	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sax_462_1_RO_Neamt	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTAGTTT	TGTGTTAAGT
A_sax_463_1_RO_Neamt	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_472_1_HR_Cres	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_149_1_HR_Cres	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_442_1_HR_Ciovo	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_423_1_HR_Istra	ATTTTACTAG	GGGCTGGGCT	TATACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_490_1_HR_Korcula	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_361_1_HR_Peljesac	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_421_1_HR_Vis_Pritiscina	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_161_1_HR_Jabuka	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_199_1_HR_Vis	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_470_1_HR_Palagruza	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_159_1_HR_Palagruza	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_416_1_IT_Porto_Selvaggio	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_413_1_IT_Capo_di_Leuca	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_414_1_IT_Castro	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_457_6_IT_Abruzzi	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_458_1_IT_Gargano	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_357_1_HR_Knin	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_374_1_HR_Zivogosce	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_388_1_HR_Klek	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_355_1_HR_Kozjak	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_371_1_HR_Karlobag	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_474_1_HR_Zakosa	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_477_1_HR_Lukovo	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_469_1_HR_Senj	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_471_1_HR_Cres	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_372_1_HR_Rab	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_370_1_HR_Paklenica	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_399_1_HR_Sibenik	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_356_1_HR_Mosor	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_440_1_HR_Kornati	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_leu_392_1_HR_Split	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_376_1_HR_Dugi_otok	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_420_1_HR_Biokovo	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_439_1_HR_Dugi_otok	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_491_1_HR_Doli	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_373_1_HR_Omis	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_sin_398_1_HR_Vransko_jezero	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
A_mor_450_1_HR_Peloponnese	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGGCGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
Fibigia_clypeata_KF022972	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGACGTATG	TGGACTTTTC	TGAGTATTTT	TTTGTTAAGT
Berteroa_incana_KF022955	ATTTTACTCG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGACGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
Berteroa_mutabilis_KF022956	ATTTTACTCG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGACGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
Galitzkya_macrocarpa_KF022982	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGACGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT
Galitzkya_potaninii_KF022983	ATTTTACTAG	GGGCTGGGCT	TCTACTTTTT	CCGACAGCAA	CAAAAAACCT	TCGACGTATG	TGGACTTTTC	TAAGTATTTT	TGTGTTAAGT

A_sax_449_1_GR_Peloponez	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_437_1_GR_Mistras	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_455_1_GR_Timfi	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_396_1_IT_Keflania	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_364_1_GR_Kufalonia	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_365_1_GR_Ithaka	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_384_1_AL_Tepelene	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_385_1_AL_Vlore	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_428_1_MK_Stenje	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_436_1_GR_Farsala	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_451_1_GR_Peloponez	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_359_1_IT_Volturino	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_378_1_MK_Konjsko	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_386_1_AL_Vlore	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_410_1_GR_Sikia	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_448_1_GR_Olimp	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_453_1_GR_Meteora	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_456_2_GR_Kozani	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_265_1_MK_Stenje	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_gio_452_2_GR_Gionae	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_493_1_GR_Samos	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_494_1_GR_Samos	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_492_1_GR_Chios	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_445_1_PO_Czorsztyn	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_404_2_RS_KrÅ¼nice	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_465_1_RO_Orsova	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_405_2_MK_Vrutok	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_486_1_MK_Treske	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_368_1_MK_Crni_Drim	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_387_1_AL_Mjede	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_429_1_CZ_Bechyne	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_430_1_CZ_Cesky_Krumlov	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_360_1_MK_Crni_Drim	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_481_1_RS_Medvednik	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_379_1_ME_Prokletije	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_389_2_ME_Prokletije	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_484_2_ME_Durmitor	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_454_2_GR_Moni_Stomion	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_cory_447_1_GR_Olympus	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_micro_417_1_BA_Vlasic	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_pet_381_1_SLO_Modrej	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_pet_382_1_SL_Trnovo	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_pet_468_2_RO_Caras_Severin	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_pet_467_1_RO_Caras_Severin	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_pet_363_1_RO_Caras_Severin	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_400_1_HU_Oreg-ko	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_485_1_MK_Novo_Negovican	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_427_1_MK_Demir_Kapija	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_426_1_MK_Bregalnica	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_178_1_RS_Topli	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_434_1_BG_Rila	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_435_1_BG_Beledi_Han	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_425_1_AU_Durnstein	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT
A_sax_444_1_CZ_Prague	ATAGTTATGA	TCFTTTCACT	CTATCTATCT	ATTTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGTAT	GGTCTTGGAC	CATAAATAAT

A_sax_489_1_SK_Bratislava	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_466_3_RO_Caras_Severin	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_460_1_RO_Cheia	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_464_1_RO_Cluj	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_488_1_BG_Topolovograd	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_433_1_BG_Krdali	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_461_1_RO_Tulcea	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_462_1_RO_Neamt	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sax_463_1_RO_Neamt	ATAGTTATGC	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_472_1_HR_Cres	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_149_1_HR_Cres	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_442_1_HR_Ciovo	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_423_1_HR_Istra	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_490_1_HR_Korcula	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_361_1_HR_Peljesac	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_421_1_HR_Vis_Pritiscina	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_161_1_HR_Jabuka	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_199_1_HR_Vis	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_470_1_HR_Palagruza	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_159_1_HR_Palagruza	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_416_1_IT_Porto_Selvaggio	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_413_1_IT_Capo_di_Leuca	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_414_1_IT_Castro	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_457_6_IT_Abruzzi	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_458_1_IT_Gargano	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_357_1_HR_Knin	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_374_1_HR_Zivogosce	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_388_1_HR_Klek	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_355_1_HR_Kozjak	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_371_1_HR_Karlobag	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_474_1_HR_Zakosa	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_477_1_HR_Lukovo	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_469_1_HR_Senj	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_471_1_HR_Cres	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_372_1_HR_Rab	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_370_1_HR_Paklenica	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_399_1_HR_Sibenik	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_356_1_HR_Mosor	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_440_1_HR_Kornati	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_leu_392_1_HR_Split	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_376_1_HR_Dugi_otok	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_420_1_HR_Biokovo	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_439_1_HR_Dugi_otok	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_491_1_HR_Doli	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_373_1_HR_Omis	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_sin_398_1_HR_Vransko_jezero	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ACTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
A_mor_450_1_GR_Peloponnese	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCGTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
Fibigia_clypeata_KF022972	ATAATTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCATTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
Berteroa_incana_KF022955	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCATTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
Berteroa_mutabilis_KF022956	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCATTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
Galitzkya_macrocarpa_KF022982	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAA	TTTTTATAAG	TTGCATTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT
Galitzkya_potaninii_KF022983	ATAGTTATGA	TCTTTTCACT	CTATCTATCT	ATTCAACAAAG	TTTTTATAAG	TTGCATTTCAT	CAAACGTGAT	GGTCTTGGAC	CATAAATAAT

A_sax_449_1_GR_Peloponez	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_437_1_GR_Mistras	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_455_1_GR_Timfi	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_396_1_IT_Kefalonia	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_364_1_GR_Peloponia	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_365_1_GR_Ithaka	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_384_1_AL_Tepelene	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_385_1_AL_Vlore	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_428_1_MK_Stenje	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_436_1_GR_Farsala	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_451_1_GR_Peloponez	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_359_1_IT_Volturino	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_378_1_MK_Konjsko	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_386_1_AL_Vlore	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_410_1_GR_Sikia	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_448_1_GR_Olimp	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_453_1_GR_Meteora	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_456_2_GR_Kozani	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_265_1_MK_Stenje	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_gio_452_2_GR_Gionae	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_493_1_GR_Samos	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGGTTTT	AGTTCCTGATT
A_sax_494_1_GR_Samos	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGAATTTT	AGTTCCTGATT
A_sax_492_1_GR_Chios	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_445_1_PO_Czorsztyn	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_404_2_RS_KrÅ¼nice	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_465_1_RO_Orsova	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_405_2_MK_Vrutok	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_486_1_MK_Treske	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_368_1_MK_Crni_Drim	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_387_1_AL_Mjede	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_429_1_CZ_Bechyne	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_430_1_CZ_Cesky_Krumlov	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_cory_360_1_MK_Crni_Drim	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTTGTGATT
A_cory_481_1_RS_Medvednik	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_cory_379_1_ME_Prokletije	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_cory_389_2_ME_Prokletije	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_cory_484_2_ME_Durmitor	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_cory_454_2_GR_Moni_Stomion	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTTGTGATT
A_cory_447_1_GR_Olympus	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_micro_417_1_BA_Vlasic	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_pet_381_1_SLO_Modrej	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_pet_382_1_SL_Trnovo	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_pet_468_2_RO_Caras_Severin	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_pet_467_1_RO_Caras_Severin	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_pet_363_1_RO_Caras_Severin	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_400_1_HU_Oreg-ko	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATACACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_485_1_MK_Novo_Negovican	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_427_1_MK_Demir_Kapija	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_426_1_MK_Bregalnica	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_178_1_RS_Topli	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_434_1_BG_Rila	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_435_1_BG_Beledi_Han	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT
A_sax_425_1_AU_Durnstein	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTAATT
A_sax_444_1_CZ_Prague	GAATTTTCCT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAACCTG	TTGGGATTTT	AGTTCCTGATT

A_sax_489_1_SK_Bratislava	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_466_3_RO_Caras_Severin	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_460_1_RO_Cheia	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_464_1_RO_Cluj	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_488_1_BG_Topolovograd	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_433_1_BG_Krdali	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_461_1_RO_Tulcea	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_462_1_RO_Neamt	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sax_463_1_RO_Neamt	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_472_1_HR_Cres	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_149_1_HR_Cres	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_442_1_HR_Ciovo	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_423_1_HR_Istra	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_490_1_HR_Korcula	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_361_1_HR_Peljesac	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_421_1_HR_Vis_Pritiscina	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_161_1_HR_Jabuka	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_199_1_HR_Vis	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_470_1_HR_Palagruza	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_159_1_HR_Palagruza	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_416_1_IT_Porto_Selvaggio	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_413_1_IT_Capo_di_Leuca	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_414_1_IT_Castro	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_457_6_IT_Abruzzi	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_458_1_IT_Gargano	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_357_1_HR_Knin	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTTTGATT
A_sin_374_1_HR_Zivogosce	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_388_1_HR_Klek	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_355_1_HR_Kozjak	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_371_1_HR_Karlobag	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_474_1_HR_Zakosa	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_477_1_HR_Lukovo	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATACACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_469_1_HR_Senjski	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_471_1_HR_Cres	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_372_1_HR_Rab	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_370_1_HR_Paklenica	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_399_1_HR_Sibenik	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTTTGATT
A_sin_356_1_HR_Mosor	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_440_1_HR_Kornati	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_leu_392_1_HR_Split	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_376_1_HR_Dugi_otok	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_420_1_HR_Biokovo	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_439_1_HR_Dugi_otok	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_491_1_HR_Doli	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_373_1_HR_Omis	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_sin_398_1_HR_Vransko_jezero	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
A_mor_450_1_GR_Peloponnese	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGGATTTT	AGTTCTGATT
Fibigia_clypeata_KF022972	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGAATTTT	GGTTCTGATT
Berteroa_incana_KF022955	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGAATTTT	GGTTCTGATT
Berteroa_mutabilis_KF022956	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGAATTTT	GGTTCTGATT
Galitzkya_macrocarpa_KF022982	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGAATTTT	GGTTCTGATT
Galitzkya_potaninii_KF022983	GAATTTTCTT	TTGAGTTTGG	GTACTTTATT	GATCCACTTA	CTTCTATTAT	GTCAATATTA	ATTACAAC TG	TTGGAATTTT	GGTTCTGATT

A_sax_449_1_GR_Peloponez	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_437_1_GR_Mistras	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_455_1_GR_Timfi	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_396_1_IT_Kefliala	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_364_1_GR_Puglonia	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_365_1_GR_Ithaka	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_384_1_AL_Tepelene	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_385_1_AL_Vlore	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_428_1_MK_Stenje	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_436_1_GR_Farsala	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_451_1_GR_Peloponez	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_359_1_IT_Volturino	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_378_1_MK_Konjsko	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_386_1_AL_Vlore	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_410_1_GR_Sikia	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_448_1_GR_Olimp	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_453_1_GR_Meteora	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_456_2_GR_Kozani	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_265_1_MK_Stenje	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_gio_452_2_GR_Gionae	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_493_1_GR_Samos	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_494_1_GR_Samos	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_492_1_GR_Chios	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_445_1_PO_Czorsztyn	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_404_2_RS_KrÅ³nice	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_465_1_RO_Orsova	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_405_2_MK_Vrutok	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_486_1_MK_Treske	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_368_1_MK_Crni_Drim	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_387_1_AL_Mjede	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_429_1_CZ_Bechyne	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_430_1_CZ_Cesky_Krumlov	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_360_1_MK_Crni_Drim	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_481_1_RS_Medvednik	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_379_1_ME_Prokletije	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_389_2_ME_Prokletije	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_484_2_ME_Durmitor	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_454_2_GR_Moni_Stomion	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_cory_447_1_GR_Olympus	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_micro_417_1_BA_Vlasic	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_pet_381_1_SLO_Modrej	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_pet_382_1_SL_Trnovo	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_pet_468_2_RO_Caras_Severin	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_pet_467_1_RO_Caras_Severin	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_pet_363_1_RO_Caras_Severin	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_400_1_HU_Oreg-ko	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_485_1_MK_Novo_Negovican	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_427_1_MK_Demir_Kapija	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_426_1_MK_Bregalnica	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_178_1_RS_Topli	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_434_1_BG_Rila	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_435_1_BG_Beledi_Han	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_425_1_AU_Durnstein	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT
A_sax_444_1_CZ_Prague	TATAGTGACA	ATTATATGTC	TCATGATCAA	GGATATCTGA	GGTTTTTTGC	TTATATGGGT	TTTTTTAATA	CTTCAATGTT	AGGATTAGTT



A_sax_489_1_SK_Bratislava	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_466_3_RO_Caras_Severin	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_460_1_RO_Cheia	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_464_1_RO_Cluj	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_488_1_BG_Topolovograd	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_433_1_BG_Krdali	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_461_1_RO_Tulcea	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_462_1_RO_Neamt	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sax_463_1_RO_Neamt	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_472_1_HR_Cres	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_149_1_HR_Cres	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_442_1_HR_Ciovo	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_423_1_HR_Istra	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_490_1_HR_Korcula	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TAC	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_361_1_HR_Peljesac	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_421_1_HR_Vis_Pritiscina	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_161_1_HR_Jabuka	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_199_1_HR_Vis	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_470_1_HR_Palagruza	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_159_1_HR_Palagruza	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_416_1_IT_Porto_Selvaggio	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_413_1_IT_Capo_di_Leuca	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_414_1_IT_Castro	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_457_6_IT_Abruzzi	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_458_1_IT_Gargano	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_357_1_HR_Knin	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_374_1_HR_Zivogosce	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_388_1_HR_Klek	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_355_1_HR_Kozjak	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_371_1_HR_Karlobag	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_474_1_HR_Zakosa	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_477_1_HR_Lukovo	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_469_1_HR_Senj	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_471_1_HR_Cres	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_372_1_HR_Rab	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_370_1_HR_Paklenica	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_399_1_HR_Sibenik	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_356_1_HR_Mosor	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_440_1_HR_Kornati	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_leu_392_1_HR_Split	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_376_1_HR_Dugi_otok	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_420_1_HR_Biokovo	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_439_1_HR_Dugi_otok	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_491_1_HR_Doli	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_373_1_HR_Omis	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_sin_398_1_HR_Vransko_jezero	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
A_mor_450_1_GR_Peloponnese	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
Fibigia_clypeata_KF022972	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
Berteroa_incana_KF022955	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
Berteroa_mutabilis_KF022956	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
Galitzkya_macrocarpa_KF022982	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT
Galitzkya_potaninii_KF022983	TATAGT	GACA	ATTATAT	GTC	TCATGAT	CAA	GGATAT	CTGA	GGTTTT	TTG	TTATAT	GGGT	TTTTTT	TAATA	CTTCAAT	GTT	AGGATT	AGTT

A_sax_449_1_GR_Peloponez	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_437_1_GR_Mistras	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_455_1_GR_Timfi	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_396_1_IT_Kefalonia	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_364_1_GR_Pefalonia	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_365_1_GR_Ithaka	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_384_1_AL_Tepelene	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_385_1_AL_Vlore	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_428_1_MK_Stenje	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_436_1_GR_Farsala	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_451_1_GR_Peloponez	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_359_1_IT_Volturino	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_378_1_MK_Konjsko	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_386_1_AL_Vlore	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_410_1_GR_Sikia	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_448_1_GR_Olimp	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_453_1_GR_Meteora	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_456_2_GR_Kozani	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_265_1_MK_Stenje	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_gio_452_2_GR_Gionae	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_493_1_GR_Samos	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_494_1_GR_Samos	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_492_1_GR_Chios	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_445_1_PO_Czorsztyn	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_404_2_RS_KrÅ¼nice	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_465_1_RO_Orsova	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_405_2_MK_Vrutok	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_486_1_MK_Treske	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_368_1_MK_Crni_Drim	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_387_1_AL_Mjede	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_429_1_CZ_Bechyne	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_430_1_CZ_Cesky_Krumlov	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_360_1_MK_Crni_Drim	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_481_1_RS_Medvednik	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_379_1_ME_Prokletije	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_389_2_ME_Prokletije	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_484_2_ME_Durmitor	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_454_2_GR_Moni_Stomion	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_cory_447_1_GR_Olympus	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_micro_417_1_BA_Vlasic	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_pet_381_1_SLO_Modrej	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_pet_382_1_SL_Trnovo	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_pet_468_2_RO_Caras_Severin	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_pet_467_1_RO_Caras_Severin	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_pet_363_1_RO_Caras_Severin	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_400_1_HU_Oreg-ko	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_485_1_MK_Novo_Negovican	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_427_1_MK_Demir_Kapija	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_426_1_MK_Bregalnica	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_178_1_RS_Topli	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_434_1_BG_Rila	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_435_1_BG_Beledi_Han	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_425_1_AU_Durnstein	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT
A_sax_444_1_CZ_Prague	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTGATAT	TTATTAATAG	GTTTTGGTT	CACACGACCT



A_sax_489_1_SK_Bratislava	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_466_3_RO_Caras_Severin	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_460_1_RO_Cheia	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_464_1_RO_Cluj	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_488_1_BG_Topolovograd	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_433_1_BO_Krdali	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_461_1_RO_Tulcea	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_462_1_RO_Neamt	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sax_463_1_RO_Neamt	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_472_1_HR_Cres	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_149_1_HR_Cres	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_442_1_HR_Ciovo	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_423_1_HR_Istra	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_490_1_HR_Korcula	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_361_1_HR_Peljesac	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_421_1_HR_Vis_Pritiscina	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_161_1_HR_Jabuka	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_199_1_HR_Vis	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_470_1_HR_Palagruza	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_159_1_HR_Palagruza	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_416_1_IT_Porto_Selvaggio	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_413_1_IT_Capo_di_Leuca	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_414_1_IT_Castro	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_457_6_IT_Abruzzi	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_458_1_IT_Gargano	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_357_1_HR_Knin	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_374_1_HR_Zivogosce	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_388_1_HR_Klek	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_355_1_HR_Kozjak	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_371_1_HR_Karlobag	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_474_1_HR_Zakosa	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_477_1_HR_Lukovo	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_469_1_HR_Senj	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_471_1_HR_Cres	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_372_1_HR_Rab	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_370_1_HR_Paklenica	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_399_1_HR_Sibenik	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_356_1_HR_Mosor	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_440_1_HR_Kornati	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_leu_392_1_HR_Split	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_376_1_HR_Dugi_otok	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_420_1_HR_Biokovo	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_439_1_HR_Dugi_otok	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_491_1_HR_Doli	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_373_1_HR_Omis	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_sin_398_1_HR_Vransko_jezero	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
A_mor_450_1_GR_Peloponnese	ACTAGTTCAA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
Fibigia_clypeata_KF022972	ACTAGTTCTA	ATTTGATACA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
Berteroa_incana_KF022955	ACTAGTTCTA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
Berteroa_mutabilis_KF022956	ACTAGTTCTA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
Galitzkya_macrocarpa_KF022982	ACTAGTTCTA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT
Galitzkya_potaninii_KF022983	ACTAGTTCTA	ATTTGATCCA	AGTTTATTTT	TTTTGGGAAT	TAGTTGGAAT	GTGTTCGTAT	TTATTAATAG	GTTTTTGGTT	CACACGACCT

A_sax_449_1_GR_Peloponez	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_437_1_GR_Mistras	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_455_1_GR_Timfi	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_396_1_IT_Puglia	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_364_1_GR_Kefalonia	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_365_1_GR_Ithaka	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_384_1_AL_Tepelene	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_385_1_AL_Vlore	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_428_1_MK_Stenje	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_436_1_GR_Farsala	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_451_1_GR_Peloponez	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_359_1_IT_Volturino	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_378_1_MK_Konjsko	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_386_1_AL_Vlore	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_410_1_GR_Sikia	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_448_1_GR_Olimp	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_453_1_GR_Meteora	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_456_2_GR_Kozani	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_265_1_MK_Stenje	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_gio_452_2_GR_Gionae	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_493_1_GR_Samos	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_494_1_GR_Samos	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_492_1_GR_Chios	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_445_1_PO_Czorsztyn	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_404_2_RS_KrÅ¼nice	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_465_1_RO_Orsova	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_405_2_MK_Vrutok	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_486_1_MK_Treske	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_368_1_MK_Crni_Drim	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_387_1_AL_Mjede	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_429_1_CZ_Bechyne	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_430_1_CZ_Cesky_Krumlov	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_360_1_MK_Crni_Drim	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_481_1_RS_Medvednik	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_379_1_ME_Prokletije	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_389_2_ME_Prokletije	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_484_2_ME_Durmitor	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_454_2_GR_Moni_Stomion	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_cory_447_1_GR_Olympus	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_micro_417_1_BA_Vlasic	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_pet_381_1_SLO_Modrej	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_pet_382_1_SL_Trnovo	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_pet_468_2_RO_Caras_Severin	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_pet_467_1_RO_Caras_Severin	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_pet_363_1_RO_Caras_Severin	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_400_1_HU_Oreg-ko	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_485_1_MK_Novo_Negovican	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_427_1_MK_Demir_Kapija	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_426_1_MK_Bregalnica	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_178_1_RS_Topli	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_434_1_BG_Rila	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_435_1_BG_Beledi_Han	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_425_1_AU_Durnstein	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_444_1_CZ_Prague	ATTGCAGCGA	ATGCTTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA

A_sax_489_1_SK_Bratislava	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_466_3_RO_Caras_Severin	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_460_1_RO_Cheia	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_464_1_RO_Cluj	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_488_1_BG_Topolovograd	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_433_1_BG_Krdali	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_461_1_RO_Tulcea	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_462_1_RO_Neamt	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sax_463_1_RO_Neamt	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_472_1_HR_Cres	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_149_1_HR_Cres	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_442_1_HR_Ciovo	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_423_1_HR_Istra	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_490_1_HR_Korcula	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_361_1_HR_Peljesac	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_421_1_HR_Vis_Pritiscina	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_161_1_HR_Jabuka	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_199_1_HR_Vis	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_470_1_HR_Palagruza	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_159_1_HR_Palagruza	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_416_1_IT_Porto_Selvaggio	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_413_1_IT_Capo_di_Leuca	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_414_1_IT_Castro	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_457_6_IT_Abruzzi	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_458_1_IT_Gargano	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_357_1_HR_Knin	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_374_1_HR_Zivogosce	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_388_1_HR_Klek	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_355_1_HR_Kozjak	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_371_1_HR_Karlobag	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_474_1_HR_Zakosa	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_477_1_HR_Lukovo	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_469_1_HR_Senjs	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_471_1_HR_Cres	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_372_1_HR_Rab	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_370_1_HR_Paklenica	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_399_1_HR_Sibenik	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_356_1_HR_Mosor	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_440_1_HR_Kornati	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_leu_392_1_HR_Split	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_376_1_HR_Dugi_otok	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_420_1_HR_Biokovo	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_439_1_HR_Dugi_otok	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_491_1_HR_Doli	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_373_1_HR_Omis	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_sin_398_1_HR_Vransko_jezero	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
A_mor_450_1_GR_Peloponnese	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGTATA
Fibigia_clypeata_KF022972	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGGATA
Berteroa_incana_KF022955	ATTGCAGCAA	ATGCCTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGGATA
Berteroa_mutabilis_KF022956	ATTGCAGCAA	ATGCCTGTCA	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGGATA
Galitzkya_macrocarpa_KF022982	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GTGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGGATA
Galitzkya_potaninii_KF022983	ATTGCAGCGA	ATGCTTGTC A	AAAAGCTTTT	GTAAC TAATC	GGGTAGGGGA	TTTTGGTTTA	TTATTAGGAA	TTTTAGGTCT	TTTTTGGATA

A_sax_449_1_GR_Peloponez	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_437_1_GR_Mistras	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_455_1_GR_Timfi	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_396_1_IT_Keflania	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_364_1_GR_Pugliona	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_365_1_GR_Ithaka	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_384_1_AL_Tepelene	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_385_1_AL_Vlore	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_428_1_MK_Stenje	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_436_1_GR_Farsala	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_451_1_GR_Peloponez	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_359_1_IT_Volturino	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_378_1_MK_Konjsko	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_386_1_AL_Vlore	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_410_1_GR_Sikia	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_448_1_GR_Olimp	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_453_1_GR_Meteora	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_456_2_GR_Kozani	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_265_1_MK_Stenje	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_gio_452_2_GR_Gionae	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_493_1_GR_Samos	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_494_1_GR_Samos	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_492_1_GR_Chios	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_445_1_PO_Czorsztyn	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_404_2_RS_KrÅ³nice	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_465_1_RO_Orsova	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_405_2_MK_Vrutok	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_486_1_MK_Treske	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_368_1_MK_Crni_Drim	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_387_1_AL_Mjede	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_429_1_CZ_Bechyne	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_430_1_CZ_Cesky_Krumlov	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_360_1_MK_Crni_Drim	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_481_1_RS_Medvednik	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_379_1_ME_Prokletije	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_389_2_ME_Prokletije	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_484_2_ME_Durmitor	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_454_2_GR_Moni_Stomion	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_cory_447_1_GR_Olympus	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_micro_417_1_BA_Vlasic	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_pet_381_1_SLO_Modrej	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_pet_382_1_SL_Trnovo	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_pet_468_2_RO_Caras_Severin	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_pet_467_1_RO_Caras_Severin	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_pet_363_1_RO_Caras_Severin	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_400_1_HU_Oreg-ko	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_485_1_MK_Novo_Negovican	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_427_1_MK_Demir_Kapija	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_426_1_MK_Bregalnica	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_178_1_RS_Topli	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_434_1_BG_Rila	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_435_1_BG_Beledi_Han	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_425_1_AU_Durnstein	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_444_1_CZ_Prague	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT

A_sax_489_1_SK_Bratislava	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_466_3_RO_Caras_Severin	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_460_1_RO_Cheia	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_464_1_RO_Cluj	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_488_1_BG_Topolovograd	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_433_1_BG_Krdali	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_461_1_RO_Tulcea	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_462_1_RO_Neamt	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sax_463_1_RO_Neamt	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_472_1_HR_Cres	ACGGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_149_1_HR_Cres	ACGGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_442_1_HR_Ciovo	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_423_1_HR_Istra	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_490_1_HR_Korcula	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_361_1_HR_Peljesac	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_421_1_HR_Vis_Pritiscina	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_161_1_HR_Jabuka	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_199_1_HR_Vis	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_470_1_HR_Palagruza	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_159_1_HR_Palagruza	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_416_1_IT_Porto_Selvaggio	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_413_1_IT_Capo_di_Leuca	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_414_1_IT_Castro	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_457_6_IT_Abruzzi	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_458_1_IT_Gargano	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_357_1_HR_Knin	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_374_1_HR_Zivogosce	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_388_1_HR_Klek	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_355_1_HR_Kozjak	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_371_1_HR_Karlobag	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_474_1_HR_Zakosa	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_477_1_HR_Lukovo	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_469_1_HR_Senj	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_471_1_HR_Cres	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_372_1_HR_Rab	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_370_1_HR_Paklenica	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_399_1_HR_Sibenik	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_356_1_HR_Mosor	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_440_1_HR_Kornati	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_leu_392_1_HR_Split	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_376_1_HR_Dugi_otok	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_420_1_HR_Biokovo	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_439_1_HR_Dugi_otok	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_491_1_HR_Doli	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_373_1_HR_Omis	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_sin_398_1_HR_Vransko_jezero	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
A_mor_450_1_GR_Peloponnese	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGGGTCAATC	TTTTATTCCCT	TACTTTGTGT
Fibigia_clypeata_KF022972	ACTGGCAGTT	TTGAAATTTCA	GGATTTGTTT	GAAATATTAA	ATCATGTAAT	TTTAAATAAT	AGAGTAAATC	TTTTATTCCCT	TACTTTGTGT
Berteroa_incana_KF022955	ACAGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGAGTAAATC	TTTTATTCT	TACTTTGTGT
Berteroa_mutabilis_KF022956	ACAGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGAGTAAATC	TTTTATTCT	TACTTTGTGT
Galitzkya_macrocarpa_KF022982	ACAGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGAGTAAATC	TTTTATTCCCT	TACTTTGTGT
Galitzkya_potaninii_KF022983	ACAGGCAGTT	TTGAAATTTCA	GGATTTGTTC	AAAATATTAA	ATAATGAAAT	TTTAAATAAT	AGAGTAAATC	TTTTATTCCCT	TACTTTGTGT

A_sax_449_1_GR_Peloponez	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_437_1_GR_Mistras	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_455_1_GR_Timfi	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_396_1_IT_Puglia	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_364_1_GR_Kefalonia	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_365_1_GR_Ithaka	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_384_1_AL_Tepelene	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_385_1_AL_Vlore	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_428_1_MK_Stenje	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_436_1_GR_Farsala	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_451_1_GR_Peloponez	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_359_1_IT_Volturino	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_378_1_MK_Konjsko	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_386_1_AL_Vlore	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_410_1_GR_Sikia	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_448_1_GR_Olimp	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_453_1_GR_Meteora	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_456_2_GR_Kozani	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_265_1_MK_Stenje	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_gio_452_2_GR_Gionae	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_493_1_GR_Samos	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_494_1_GR_Samos	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_492_1_GR_Chios	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_445_1_PO_Czorsztyn	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_404_2_RS_KrÅ¼nice	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_465_1_RO_Orsova	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_405_2_MK_Vrutok	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_486_1_MK_Treske	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_368_1_MK_Crni_Drim	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_387_1_AL_Mjede	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_429_1_CZ_Bechyne	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	TCCTACTCCG
A_sax_430_1_CZ_Cesky_Krumlov	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_360_1_MK_Crni_Drim	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_481_1_RS_Medvednik	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_379_1_ME_Prokletije	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_389_2_ME_Prokletije	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_484_2_ME_Durmitor	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_454_2_GR_Moni_Stomion	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_cory_447_1_GR_Olympus	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_micro_417_1_BA_Vlasic	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_pet_381_1_SLO_Modrej	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_pet_382_1_SL_Trnovo	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_pet_468_2_RO_Caras_Severin	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_pet_467_1_RO_Caras_Severin	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCCACTCCG
A_pet_363_1_RO_Caras_Severin	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_400_1_HU_Oreg-ko	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_485_1_MK_Novo_Negovican	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_427_1_MK_Demir_Kapija	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_426_1_MK_Bregalnica	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_178_1_RS_Topli	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_434_1_BG_Rila	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_435_1_BG_Beledi_Han	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_425_1_AU_Durnstein	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_444_1_CZ_Prague	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG



A_sax_489_1_SK_Bratislava	GCATTTCTAT	TATTTGTTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_466_3_RO_Caras_Severin	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_460_1_RO_Cheia	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_464_1_RO_Cluj	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_488_1_BG_Topolovograd	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_433_1_BG_Krdali	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_461_1_RO_Tulcea	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_462_1_RO_Neamt	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sax_463_1_RO_Neamt	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_472_1_HR_Cres	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_149_1_HR_Cres	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_442_1_HR_Ciovo	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_423_1_HR_Istra	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_490_1_HR_Korcula	GCATTTCTAT	TATTTGTAGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_361_1_HR_Peljesac	GCATTTCTAT	TATTTGTAGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_421_1_HR_Vis_Pritiscina	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_161_1_HR_Jabuka	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_199_1_HR_Vis	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_470_1_HR_Palagruza	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_159_1_HR_Palagruza	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_416_1_IT_Porto_Selvaggio	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_413_1_IT_Capo_di_Leuca	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_414_1_IT_Castro	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_457_6_IT_Abruzzi	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_458_1_IT_Gargano	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_357_1_HR_Knin	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_374_1_HR_Zivogosce	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_388_1_HR_Klek	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_355_1_HR_Kozjak	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_371_1_HR_Karlobag	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_474_1_HR_Zakosa	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_477_1_HR_Lukovo	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_469_1_HR_Senj	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_471_1_HR_Cres	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_372_1_HR_Rab	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_370_1_HR_Paklenica	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_399_1_HR_Sibenik	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_356_1_HR_Mosor	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_440_1_HR_Kornati	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_leu_392_1_HR_Split	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_376_1_HR_Dugi_otok	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_420_1_HR_Biokovo	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_439_1_HR_Dugi_otok	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_491_1_HR_Doli	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_373_1_HR_Omis	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_sin_398_1_HR_Vransko_jezero	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
A_mor_450_1_GR_Peloponnese	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCTGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
Fibigia_clypeata_KF022972	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCCGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
Berteroa_incana_KF022955	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCCGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
Berteroa_mutabilis_KF022956	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCCGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
Galitzkya_macrocarpa_KF022982	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCCGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG
Galitzkya_potaninii_KF022983	GCATTTCTAT	TATTTGTGG	TCCTATTGCT	AAATCCGCAC	AATTTCTCT	TCATGTATGG	TTACCTGATG	CCATGGAGGG	CCCTACTCCG

A_sax_449_1_GR_Peloponez	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_437_1_GR_Mistras	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_455_1_GR_Timfi	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_396_1_IT_Puglia	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_364_1_GR_Kefalonia	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_365_1_GR_Ithaka	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_384_1_AL_Tepelene	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_385_1_AL_Vlore	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_428_1_MK_Stenje	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_436_1_GR_Farsala	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_451_1_GR_Peloponez	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_359_1_IT_Volturino	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_378_1_MK_Konjsko	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_386_1_AL_Vlore	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_410_1_GR_Sikia	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_448_1_GR_Olimp	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_453_1_GR_Meteora	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_456_2_GR_Kozani	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_265_1_MK_Stenje	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_gio_452_2_GR_Gionae	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_493_1_GR_Samos	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_494_1_GR_Samos	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_492_1_GR_Chios	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_445_1_PO_Czorsztyn	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_404_2_RS_KrÅ¼nice	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_465_1_RO_Orsova	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_405_2_MK_Vrutok	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_486_1_MK_Treske	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_368_1_MK_Crni_Drim	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_387_1_AL_Mjede	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_429_1_CZ_Bechyne	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_430_1_CZ_Cesky_Krumlov	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_360_1_MK_Crni_Drim	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_481_1_RS_Medvednik	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_379_1_ME_Prokletije	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_389_2_ME_Prokletije	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_484_2_ME_Durmitor	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_454_2_GR_Moni_Stomion	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_cory_447_1_GR_Olympus	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_micro_417_1_BA_Vlasic	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_pet_381_1_SLO_Modrej	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_pet_382_1_SL_Trnovo	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_pet_468_2_RO_Caras_Severin	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_pet_467_1_RO_Caras_Severin	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_pet_363_1_RO_Caras_Severin	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_400_1_HU_Oreg-ko	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_485_1_MK_Novo_Negovican	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_427_1_MK_Demir_Kapija	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_426_1_MK_Bregalnica	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_178_1_RS_Topli	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_434_1_BG_Rila	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_435_1_BG_Beledi_Han	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_425_1_AU_Durnstein	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT
A_sax_444_1_CZ_Prague	ATTTCCGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCTCT



A_sax_489_1_SK_Bratislava	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCCTCT
A_sax_466_3_RO_Caras_Severin	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCCTCT
A_sax_460_1_RO_Cheia	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sax_464_1_RO_Cluj	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sax_488_1_BG_Topolovograd	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATTGT	TATCCCCCTCT
A_sax_433_1_BG_Krdali	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sax_461_1_RO_Tulcea	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sax_462_1_RO_Neamt	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sax_463_1_RO_Neamt	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_472_1_HR_Cres	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_149_1_HR_Cres	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_442_1_HR_Ciovo	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_423_1_HR_Istra	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_490_1_HR_Korcula	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_361_1_HR_Peljesac	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_421_1_HR_Vis_Pritiscina	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_161_1_HR_Jabuka	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_199_1_HR_Vis	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_470_1_HR_Palagruza	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_159_1_HR_Palagruza	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_416_1_IT_Porto_Selvaggio	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_413_1_IT_Capo_di_Leuca	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_414_1_IT_Castro	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_457_6_IT_Abruzzi	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_458_1_IT_Gargano	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_357_1_HR_Knin	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_374_1_HR_Zivogosce	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_388_1_HR_Klek	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_355_1_HR_Kozjak	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_371_1_HR_Karlobag	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_474_1_HR_Zakosa	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_477_1_HR_Lukovo	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_469_1_HR_Senj	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_471_1_HR_Cres	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_372_1_HR_Rab	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_370_1_HR_Paklenica	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_399_1_HR_Sibenik	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_356_1_HR_Mosor	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_440_1_HR_Kornati	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_leu_392_1_HR_Split	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_376_1_HR_Dugi_otok	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_420_1_HR_Biokovo	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_439_1_HR_Dugi_otok	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_491_1_HR_Doli	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_373_1_HR_Omis	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_sin_398_1_HR_Vransko_jezero	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATCGT	TATCCCCCTCT
A_mor_450_1_GR_Peloponnese	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAGTTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCCCTCT
Fibigia_clypeata_KF022972	ATTTTCGGGCTC	TAATACATGC	TGCTACTATG	GTAGCGGCGG	GAATTTTTCT	TGTAGCTCGT	CTTTCTCCCTC	TTTTTATAGT	TATCCCTTCT
Berteroa_incana_KF022955	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAATTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCTTCT
Berteroa_mutabilis_KF022956	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAATTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCTTCT
Galitzkya_macrocarpa_KF022982	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAATTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGG	TATCCCTTCT
Galitzkya_potaninii_KF022983	ATTTTCGGGCTC	TTATACATGC	TGCTACTATG	GTAGCGGCGG	GAATTTTTCT	TGTAGCTCGT	CTTTTTCCTA	TTTTTATAGT	TATCCCTTCT

A_sax_449_1_GR_Peloponez	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_437_1_GR_Mistras	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_455_1_GR_Timfi	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_396_1_IT_Kefliala	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_364_1_GR_Kufalonia	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_365_1_GR_Ithaka	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_384_1_AL_Tepelene	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_385_1_AL_Vlore	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_428_1_MK_Stenje	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_436_1_GR_Farsala	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_451_1_GR_Peloponez	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_359_1_IT_Volturino	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_378_1_MK_Konjsko	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_386_1_AL_Vlore	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_410_1_GR_Sikia	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_448_1_GR_Olimp	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_453_1_GR_Meteora	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_456_2_GR_Kozani	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_265_1_MK_Stenje	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_gio_452_2_GR_Gionae	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_493_1_GR_Samos	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_494_1_GR_Samos	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_492_1_GR_Chios	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_445_1_PO_Czorsztyn	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_404_2_RS_KrÅ³nice	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACGGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_465_1_RO_Orsova	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_405_2_MK_Vrutok	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_486_1_MK_Treske	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_368_1_MK_Crni_Drim	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_387_1_AL_Mjede	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_429_1_CZ_Bechyne	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_430_1_CZ_Cesky_Krumlov	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_360_1_MK_Crni_Drim	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_481_1_RS_Medvednik	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_379_1_ME_Prokletije	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_389_2_ME_Prokletije	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_484_2_ME_Durmitor	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_454_2_GR_Moni_Stomion	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_cory_447_1_GR_Olympus	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_micro_417_1_BA_Vlasic	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_pet_381_1_SLO_Modrej	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_pet_382_1_SL_Trnovo	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_pet_468_2_RO_Caras_Severin	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_pet_467_1_RO_Caras_Severin	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_pet_363_1_RO_Caras_Severin	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_400_1_HU_Oreg-ko	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_485_1_MK_Novo_Negovican	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_427_1_MK_Demir_Kapija	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_426_1_MK_Bregalnica	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_178_1_RS_Topli	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_434_1_BG_Rila	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_435_1_BG_Beledi_Han	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_425_1_AU_Durnstein	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_444_1_CZ_Prague	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA

A_sax_489_1_SK_Bratislava	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_466_3_RO_Caras_Severin	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_460_1_RO_Cheia	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_464_1_RO_Cluj	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_488_1_BG_Topolovograd	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_433_1_BG_Krdali	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_461_1_RO_Tulcea	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_462_1_RO_Neamt	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sax_463_1_RO_Neamt	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_472_1_HR_Cres	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_149_1_HR_Cres	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_442_1_HR_Ciovo	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_423_1_HR_Istra	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_490_1_HR_Korcula	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_361_1_HR_Peljesac	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_421_1_HR_Vis_Pritiscina	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_161_1_HR_Jabuka	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_199_1_HR_Vis	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_470_1_HR_Palagruza	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_159_1_HR_Palagruza	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_416_1_IT_Porto_Selvaggio	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_413_1_IT_Capo_di_Leuca	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_414_1_IT_Castro	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_457_6_IT_Abruzzi	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_458_1_IT_Gargano	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_357_1_HR_Knin	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_374_1_HR_Zivogosce	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_388_1_HR_Klek	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_355_1_HR_Kozjak	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_371_1_HR_Karlobag	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_474_1_HR_Zakosa	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_477_1_HR_Lukovo	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_469_1_HR_Senj	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_471_1_HR_Cres	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_372_1_HR_Rab	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_370_1_HR_Paklenica	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_399_1_HR_Sibenik	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_356_1_HR_Mosor	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_440_1_HR_Kornati	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_leu_392_1_HR_Split	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_376_1_HR_Dugi_otok	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_420_1_HR_Biokovo	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_439_1_HR_Dugi_otok	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_491_1_HR_Doli	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_373_1_HR_Omis	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_sin_398_1_HR_Vransko_jezero	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	CTTGCTCAAC	AAGACATTAA	GAGAGGTTTA
A_mor_450_1_GR_Peloponnese	ATAACGTATA	TAATATCTGT	GATAGGTATA	ATAACAGTAC	TCTTAGGGGC	CACTTTAGCT	ATTGCTCAAC	AAGACATTAA	GAGAGGTTTA
Fibigia_clypeata_KF022972	ATAATGTATA	TAATATCTTT	GGTAGGTATA	ATAACAGTAC	TTTTAGGAGC	CACTTTAGCT	CTTGCTCAAA	AAGACATTAA	GAGAGGTTTA
Berteroa_incana_KF022955	ATAATGTATA	TAATATCTTT	GATAGGTATA	ATAACAGTAC	TCTTAGGAGC	CACTTTAGCT	CTTGCTCAAC	AAGATATTAA	GAGAGGTTTA
Berteroa_mutabilis_KF022956	ATAATGTATA	TAATATCTTT	GATAGGTATA	ATAACAGTAC	TCTTAGGAGC	CACTTTAGCT	CTTGCTCAAC	AAGATATTAA	GAGAGGTTTA
Galitzkya_macrocarpa_KF022982	ATAATGTATA	TAATATCTTT	GATAGGTATA	ATAACAGTAC	TCTTAGGAGC	CACTTTAGCT	CTTGCTCAAC	AAGATATTAA	GAGAGGTTTA
Galitzkya_potaninii_KF022983	ATAATGTATA	TAATATCTTT	GATAGGTATA	ATAACAGTAC	TCTTAGGAGC	CACTTTAGCT	CTTGCTCAAC	AAGATATTAA	GAGAGGTTTA

A_sax_449_1_GR_Peloponez	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_437_1_GR_Mistras	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_455_1_GR_Timfi	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_396_1_IT_Keflania	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_364_1_GR_Kefalonia	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_365_1_GR_Ithaka	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_384_1_AL_Tepelene	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_385_1_AL_Vlore	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_428_1_MK_Stenje	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_436_1_GR_Farsala	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_451_1_GR_Peloponez	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_359_1_IT_Volturino	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_378_1_MK_Konjsko	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_386_1_AL_Vlore	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_410_1_GR_Sikia	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_448_1_GR_Olimp	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_453_1_GR_Meteora	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_456_2_GR_Kozani	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_265_1_MK_Stenje	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_gio_452_2_GR_Gionae	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_493_1_GR_Samos	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_494_1_GR_Samos	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_492_1_GR_Chios	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_445_1_PO_Czorsztyn	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_404_2_RS_KrÅ¼nice	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_465_1_RO_Orsova	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_405_2_MK_Vrutok	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_486_1_MK_Treske	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_368_1_MK_Crni_Drim	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_387_1_AL_Mjede	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_429_1_CZ_Bechyne	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_430_1_CZ_Cesky_Krumlov	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_cory_360_1_MK_Crni_Drim	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_cory_481_1_RS_Medvednik	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_cory_379_1_ME_Prokletije	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GAATACTCAT
A_cory_389_2_ME_Prokletije	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GAATACTCAT
A_cory_484_2_ME_Durmitor	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_cory_454_2_GR_Moni_Stomion	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_cory_447_1_GR_Olympus	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_micro_417_1_BA_Vlasic	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_pet_381_1_SLO_Modrej	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_pet_382_1_SL_Trnovo	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_pet_468_2_RO_Caras_Severin	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_pet_467_1_RO_Caras_Severin	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_pet_363_1_RO_Caras_Severin	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_400_1_HU_Oreg-ko	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_485_1_MK_Novo_Negovican	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_427_1_MK_Demir_Kapija	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_426_1_MK_Bregalnica	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_178_1_RS_Topli	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_434_1_BG_Rila	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_435_1_BG_Beledi_Han	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_425_1_AU_Durnstein	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT
A_sax_444_1_CZ_Prague	GCCTATTCTA	CAATGTCTCA	ACTGGGTTAT	ATGATGTTAG	CTCTAGGTAT	GGGGTCTTAT	CGATCTGCTT	TATTTCAATT	GATTACTCAT



A_sax_449_1_GR_Peloponez	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_437_1_GR_Mistras	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_455_1_GR_Timfi	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_396_1_IT_Kefliala	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_364_1_GR_Puglonia	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_365_1_GR_Ithaka	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_384_1_AL_Tepelene	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_385_1_AL_Vlore	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_428_1_MK_Stenje	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_436_1_GR_Farsala	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_451_1_GR_Peloponez	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_359_1_IT_Volturino	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_378_1_MK_Konjsko	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_386_1_AL_Vlore	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_410_1_GR_Sikia	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_448_1_GR_Olimp	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_453_1_GR_Meteora	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_456_2_GR_Kozani	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_265_1_MK_Stenje	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_gio_452_2_GR_Gionae	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_493_1_GR_Samos	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_494_1_GR_Samos	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_492_1_GR_Chios	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_445_1_PO_Czorsztyn	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_404_2_RS_KrÅ¼nice	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_465_1_RO_Orsova	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_405_2_MK_Vrutok	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_486_1_MK_Treske	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_368_1_MK_Crni_Drim	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_387_1_AL_Mjede	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_429_1_CZ_Bechyne	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_430_1_CZ_Cesky_Krumlov	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_360_1_MK_Crni_Drim	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_481_1_RS_Medvednik	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_379_1_ME_Prokletije	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_389_2_ME_Prokletije	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_484_2_ME_Durmitor	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_454_2_GR_Moni_Stomion	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_cory_447_1_GR_Olympus	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_micro_417_1_BA_Vlasic	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_pet_381_1_SLO_Modrej	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_pet_382_1_SL_Trnovo	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_pet_468_2_RO_Caras_Severin	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_pet_467_1_RO_Caras_Severin	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_pet_363_1_RO_Caras_Severin	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_400_1_HU_Oreg-ko	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_485_1_MK_Novo_Negovican	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_427_1_MK_Demir_Kapija	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_426_1_MK_Bregalnica	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_178_1_RS_Topli	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_434_1_BG_Rila	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_435_1_BG_Beledi_Han	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_425_1_AU_Durnstein	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_444_1_CZ_Prague	GCTTATTCGA	AAGCGTTGTT	GTTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG



A_sax_489_1_SK_Bratislava	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_466_3_RO_Caras_Severin	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_460_1_RO_Cheia	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_464_1_RO_Cluj	GCTTATTCGA	AAGCGTTGTT	ATTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_488_1_BG_Topolovograd	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_433_1_BO_Krdali	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_461_1_RO_Tulcea	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_462_1_RO_Neamt	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sax_463_1_RO_Neamt	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_472_1_HR_Cres	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_149_1_HR_Cres	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_442_1_HR_Ciovo	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_423_1_HR_Istra	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGAGCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_490_1_HR_Korcula	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_361_1_HR_Peljesac	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_421_1_HR_Vis_Pritiscina	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_161_1_HR_Jabuka	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_199_1_HR_Vis	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_470_1_HR_Palagruza	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_159_1_HR_Palagruza	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_416_1_IT_Porto_Selvaggio	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_413_1_IT_Capo_di_Leuca	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_414_1_IT_Castro	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_457_6_IT_Abruzzi	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_458_1_IT_Gargano	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_357_1_HR_Knin	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_374_1_HR_Zivogosce	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_388_1_HR_Klek	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_355_1_HR_Kozjak	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_371_1_HR_Karlobag	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_474_1_HR_Zakosa	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_477_1_HR_Lukovo	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_469_1_HR_Senj	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_471_1_HR_Cres	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_372_1_HR_Rab	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_370_1_HR_Paklenica	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_399_1_HR_Sibenik	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_356_1_HR_Mosor	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_440_1_HR_Kornati	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_leu_392_1_HR_Split	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_376_1_HR_Dugi_otok	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_420_1_HR_Biokovo	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_439_1_HR_Dugi_otok	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_491_1_HR_Doli	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_373_1_HR_Omis	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_sin_398_1_HR_Vransko_jezero	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
A_mor_450_1_GR_Peloponnese	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
Fibigia_clypeata_KF022972	GCTTATTCGA	AAGCATTGTT	GTTTTAGGA	TCGGGATCCA	TTATTCATTC	AATGGAGGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
Berteroa_incana_KF022955	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
Berteroa_mutabilis_KF022956	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
Galitzkya_macrocarpa_KF022982	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG
Galitzkya_potaninii_KF022983	GCTTATTCGA	AAGCGTTGTT	GTTTTAGGA	TCTGGATCCA	TTATTCATTC	AATGGAAGCT	GTAGTTGGAT	ATTCTCCCGA	TAAAAGTCAG

A_sax_449_1_GR_Peloponez	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAT	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_437_1_GR_Mistras	AATATTATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_455_1_GR_Timfi	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTCCC GA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_396_1_IT_Keflania	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_364_1_GR_Pugliona	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_365_1_GR_Ithaka	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_384_1_AL_Tepelene	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_385_1_AL_Vlore	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_428_1_MK_Stenje	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_436_1_GR_Farsala	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_451_1_GR_Peloponez	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_359_1_IT_Volturino	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_378_1_MK_Konjsko	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_386_1_AL_Vlore	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_410_1_GR_Sikia	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_448_1_GR_Olimp	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_453_1_GR_Meteora	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_456_2_GR_Kozani	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_265_1_MK_Stenje	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_gio_452_2_GR_Gionae	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_493_1_GR_Samos	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_494_1_GR_Samos	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_492_1_GR_Chios	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_445_1_PO_Czorsztyn	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAT	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_404_2_RS_KrÅ¼nice	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_465_1_RO_Orsova	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_405_2_MK_Vrutok	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_486_1_MK_Treske	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_368_1_MK_Crni_Drim	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_387_1_AL_Mjede	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_429_1_CZ_Bechyne	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_430_1_CZ_Cesky_Krumlov	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_360_1_MK_Crni_Drim	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_481_1_RS_Medvednik	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_379_1_ME_Prokletije	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_389_2_ME_Prokletije	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_484_2_ME_Durmitor	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_454_2_GR_Moni_Stomion	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_cory_447_1_GR_Olympus	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_micro_417_1_BA_Vlasic	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_pet_381_1_SLO_Modrej	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_pet_382_1_SL_Trnovo	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_pet_468_2_RO_Caras_Severin	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_pet_467_1_RO_Caras_Severin	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_pet_363_1_RO_Caras_Severin	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCAA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_400_1_HU_Oreg-ko	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_485_1_MK_Novo_Negovican	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_427_1_MK_Demir_Kapija	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_426_1_MK_Bregalnica	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_178_1_RS_Topli	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_434_1_BG_Rila	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_435_1_BG_Beledi_Han	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_425_1_AU_Durnstein	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_444_1_CZ_Prague	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT



A_sax_489_1_SK_Bratislava	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_466_3_RO_Caras_Severin	AATATTATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_460_1_RO_Cheia	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_464_1_RO_Cluj	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_488_1_BG_Topolovograd	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_433_1_BO_Krdali	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_461_1_RO_Tulcea	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_462_1_RO_Neamt	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sax_463_1_RO_Neamt	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_472_1_HR_Cres	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_149_1_HR_Cres	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_442_1_HR_Ciovo	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_423_1_BO_Istra	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_490_1_HR_Korcula	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_361_1_HR_Peljesac	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_421_1_HR_Vis_Pritiscina	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_161_1_HR_Jabuka	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_199_1_HR_Vis	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_470_1_HR_Palagruza	AATATGATTC	TTATGGGTGG	TTTGACAAAA	AATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_159_1_HR_Palagruza	AATATGATTC	TTATGGGTGG	TTTGACAAAA	AATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_416_1_IT_Porto_Selvaggio	AATATGATTC	TTATGGGTGG	TTTGACAAAA	AATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_413_1_IT_Capo_di_Leuca	AATATGATTC	TTATGGGTGG	TTTGACAAAA	AATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_414_1_IT_Castro	AATATGATTC	TTATGGGTGG	TTTGACAAAA	AATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_457_6_IT_Abruzzi	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_458_1_IT_Gargano	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_357_1_HR_Knin	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_374_1_HR_Zivogosce	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_388_1_HR_Klek	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_355_1_HR_Kozjak	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_371_1_HR_Karlobag	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_474_1_HR_Zakosa	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_477_1_HR_Lukovo	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_469_1_HR_Senj	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_471_1_HR_Cres	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_372_1_HR_Rab	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_370_1_HR_Paklenica	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_399_1_HR_Sibenik	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_356_1_HR_Mosor	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_440_1_HR_Kornati	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_leu_392_1_HR_Split	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_376_1_HR_Dugi_otok	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_420_1_HR_Biokovo	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_439_1_HR_Dugi_otok	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_491_1_HR_Doli	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_373_1_HR_Omis	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_sin_398_1_HR_Vransko_jezero	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
A_mor_450_1_GR_Peloponnese	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
Fibigia_clypeata_KF022972	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTTCCGA	TTACAAAAAT	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
Berteroa_incana_KF022955	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
Berteroa_mutabilis_KF022956	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
Galitzkya_macrocarpa_KF022982	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT
Galitzkya_potaninii_KF022983	AATATGATTC	TTATGGGTGG	TTTGACAAAA	CATGTGCCGA	TTACAAAAAC	GGCCTTTTTA	GTAGGAACAC	TTTCTCTTTG	TGGTATTCCT

A_sax_449_1_GR_Peloponez	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_437_1_GR_Mistras	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_455_1_GR_Timfi	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_396_1_IT_Keflania	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_364_1_GR_Pugliona	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_365_1_GR_Ithaka	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_384_1_AL_Tepelene	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_385_1_AL_Vlore	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_428_1_MK_Stenje	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_436_1_GR_Farsala	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_451_1_GR_Peloponez	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_359_1_IT_Volturino	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_378_1_MK_Konjsko	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_386_1_AL_Vlore	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_410_1_GR_Sikia	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_448_1_GR_Olimp	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_453_1_GR_Meteora	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_456_2_GR_Kozani	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_265_1_MK_Stenje	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_gio_452_2_GR_Gionae	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_493_1_GR_Samos	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_494_1_GR_Samos	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_492_1_GR_Chios	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_445_1_PO_Czorsztyn	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_404_2_RS_KrÅ³nice	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_465_1_RO_Orsova	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_405_2_MK_Vrutok	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_486_1_MK_Treske	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_368_1_MK_Crni_Drim	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_387_1_AL_Mjede	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_429_1_CZ_Bechyne	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_430_1_CZ_Cesky_Krumlov	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_360_1_MK_Crni_Drim	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_481_1_RS_Medvednik	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_379_1_ME_Prokletije	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_389_2_ME_Prokletije	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_484_2_ME_Durmitor	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_454_2_GR_Moni_Stomion	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_cory_447_1_GR_Olympus	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_micro_417_1_BA_Vlasic	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_pet_381_1_SLO_Modrej	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_pet_382_1_SL_Trnovo	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_pet_468_2_RO_Caras_Severin	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_pet_467_1_RO_Caras_Severin	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_pet_363_1_RO_Caras_Severin	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_400_1_HU_Oreg-ko	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_485_1_MK_Novo_Negovican	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_427_1_MK_Demir_Kapija	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_426_1_MK_Bregalnica	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_178_1_RS_Topli	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_434_1_BG_Rila	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_435_1_BG_Beledi_Han	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_425_1_AU_Durnstein	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG
A_sax_444_1_CZ_Prague	CCCC	TTGC	TT	GTTTTT	GGTC	TAAAGAT	GAA	ATTC	TTAATG	ATAG	TTTTTT	GTTTT	CGCCA	ATTTTT	GCAA	TAATAG	GCTTG	TTCAAC	GGCG

A_sax_489_1_SK_Bratislava	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_466_3_RO_Caras_Severin	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_460_1_RO_Cheia	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_464_1_RO_Cluj	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_488_1_BG_Topolovograd	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_433_1_BG_Krdali	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_461_1_RO_Tulcea	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_462_1_RO_Neamt	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sax_463_1_RO_Neamt	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_472_1_HR_Cres	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_149_1_HR_Cres	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_442_1_HR_Ciovo	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_423_1_HR_Istra	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_490_1_HR_Korcula	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_361_1_HR_Peljesac	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_421_1_HR_Vis_Pritiscina	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_161_1_HR_Jabuka	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_199_1_HR_Vis	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_470_1_HR_Palagruza	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_159_1_HR_Palagruza	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_416_1_IT_Porto_Selvaggio	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_413_1_IT_Capo_di_Leuca	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_414_1_IT_Castro	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_457_6_IT_Abruzzi	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_458_1_IT_Gargano	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_357_1_HR_Knin	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_374_1_HR_Zivogosce	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_388_1_HR_Klek	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_355_1_HR_Kozjak	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_371_1_HR_Karlobag	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_474_1_HR_Zakosa	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_477_1_HR_Lukovo	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_469_1_HR_Senj	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_471_1_HR_Cres	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_372_1_HR_Rab	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_370_1_HR_Paklenica	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_399_1_HR_Sibenik	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_356_1_HR_Mosor	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_440_1_HR_Kornati	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_leu_392_1_HR_Split	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_376_1_HR_Dugi_otok	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_420_1_HR_Biokovo	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_439_1_HR_Dugi_otok	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_491_1_HR_Doli	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_373_1_HR_Omis	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_sin_398_1_HR_Vransko_jezero	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
A_mor_450_1_GR_Peloponnese	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
Fibigia_clypeata_KF022972	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTCAA	TAATAGCTTG	TTCAACGGCG
Berteroa_incana_KF022955	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
Berteroa_mutabilis_KF022956	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
Galitzkya_macrocarpa_KF022982	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCTCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG
Galitzkya_potaninii_KF022983	CCCCTTGCTT	GTTTTTGGTC	TAAAGATGAA	ATTCCTAATG	ATAGTTTTTT	GTTTTCGCCA	ATTTTTGCAA	TAATAGCTTG	TTCAACGGCG

A_sax_449_1_GR_Peloponez	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_437_1_GR_Mistras	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_455_1_GR_Timfi	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_396_1_IT_Kuglia	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_364_1_GR_Pefalonia	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_365_1_GR_Ithaka	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_384_1_AL_Tepelene	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_385_1_AL_Vlore	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_428_1_MK_Stenje	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_436_1_GR_Farsala	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_451_1_GR_Peloponez	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_359_1_IT_Volturino	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_378_1_MK_Konjsko	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_386_1_AL_Vlore	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_410_1_GR_Sikia	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_448_1_GR_Olimp	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_453_1_GR_Meteora	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_456_2_GR_Kozani	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_265_1_MK_Stenje	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_gio_452_2_GR_Gionae	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_493_1_GR_Samos	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_494_1_GR_Samos	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_492_1_GR_Chios	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_445_1_PO_Czorsztyn	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_404_2_RS_KrÅ³nice	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_465_1_RO_Orsova	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_405_2_MK_Vrutok	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_486_1_MK_Treske	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_368_1_MK_Crni_Drim	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_387_1_AL_Mjede	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_429_1_CZ_Bechyne	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_430_1_CZ_Cesky_Krumlov	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_360_1_MK_Crni_Drim	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_481_1_RS_Medvednik	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_379_1_ME_Prokletije	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_389_2_ME_Prokletije	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_484_2_ME_Durmitor	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_454_2_GR_Moni_Stomion	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_cory_447_1_GR_Olympus	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_micro_417_1_BA_Vlasic	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_pet_381_1_SLO_Modrej	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_pet_382_1_SL_Trnovo	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_pet_468_2_RO_Caras_Severin	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_pet_467_1_RO_Caras_Severin	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_pet_363_1_RO_Caras_Severin	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_400_1_HU_Oreg-ko	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_485_1_MK_Novo_Negovican	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_427_1_MK_Demir_Kapija	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_426_1_MK_Bregalnica	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_178_1_RS_Topli	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_434_1_BG_Rila	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_435_1_BG_Beledi_Han	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_425_1_AU_Durnstein	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_444_1_CZ_Prague	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA

A_sax_489_1_SK_Bratislava	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_466_3_RO_Caras_Severin	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_460_1_RO_Cheia	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_464_1_RO_Cluj	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_488_1_BG_Topolovograd	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_433_1_BG_Krdali	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_461_1_RO_Tulcea	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_462_1_RO_Neamt	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sax_463_1_RO_Neamt	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_472_1_HR_Cres	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_149_1_HR_Cres	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_442_1_HR_Ciovo	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_423_1_HR_Istra	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_490_1_HR_Korcula	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_361_1_HR_Peljesac	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_421_1_HR_Vis_Pritiscina	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_161_1_HR_Jabuka	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_199_1_HR_Vis	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_470_1_HR_Palagruza	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_159_1_HR_Palagruza	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_416_1_IT_Porto_Selvaggio	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_413_1_IT_Capo_di_Leuca	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTC	TAAATTACAG	TGGAAAAAAAA
A_leu_414_1_IT_Castro	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTC	TAAATTACAG	TGGAAAAAAAA
A_sin_457_6_IT_Abruzzi	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTATAG	TGGAAAAAAAA
A_sin_458_1_IT_Gargano	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_357_1_HR_Knin	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_374_1_HR_Zivogosce	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_388_1_HR_Klek	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_355_1_HR_Kozjak	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_371_1_HR_Karlobag	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_474_1_HR_Zakosa	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_477_1_HR_Lukovo	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_469_1_HR_Senj	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_471_1_HR_Cres	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_372_1_HR_Rab	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_370_1_HR_Paklenica	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_399_1_HR_Sibenik	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_356_1_HR_Mosor	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_440_1_HR_Kornati	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_leu_392_1_HR_Split	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_376_1_HR_Dugi_otok	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_420_1_HR_Biokovo	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_439_1_HR_Dugi_otok	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_491_1_HR_Doli	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_373_1_HR_Omis	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_sin_398_1_HR_Vransko_jezero	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
A_mor_450_1_GR_Peloponnese	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	GCATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
Fibigia_clypeata_KF022972	GGATTAACCG	CATTTTATAT	GTTTCGGATT	TATTTACTTA	CTTTTGAAGG	ACATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
Berteroa_incana_KF022955	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	ACATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
Berteroa_mutabilis_KF022956	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	ACATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
Galitzkya_macrocarpa_KF022982	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	ACATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA
Galitzkya_potaninii_KF022983	GGATTAACCG	CATTTTATAT	GTTTCGTATT	TATTTACTTA	CTTTTGAAGG	ACATTTAAAC	ACTTATTTTA	TAAATTACAG	TGGAAAAAAAA

A_sax_449_1_GR_Peloponez	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_437_1_GR_Mistras	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_455_1_GR_Timfi	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_396_1_IT_Kufalia	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_364_1_GR_Pegafonia	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_365_1_GR_Ithaka	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_384_1_AL_Tepelene	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_385_1_AL_Vlore	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_428_1_MK_Stenje	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_436_1_GR_Farsala	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_451_1_GR_Peloponez	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_359_1_IT_Volturino	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_378_1_MK_Konjsko	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_386_1_AL_Vlore	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_410_1_GR_Sikia	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_448_1_GR_Olimp	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_453_1_GR_Meteora	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_456_2_GR_Kozani	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_265_1_MK_Stenje	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_gio_452_2_GR_Gionae	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_493_1_GR_Samos	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_494_1_GR_Samos	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_492_1_GR_Chios	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_445_1_PO_Czorsztyn	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_404_2_RS_KrÅ¼nice	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_465_1_RO_Orsova	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_405_2_MK_Vrutok	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_486_1_MK_Treske	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAA-AAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_368_1_MK_Crni_Drim	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_387_1_AL_Mjede	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_429_1_CZ_Bechyne	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_430_1_CZ_Cesky_Krumlov	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_360_1_MK_Crni_Drim	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_481_1_RS_Medvednik	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_379_1_ME_Prokletije	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_389_2_ME_Prokletije	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_484_2_ME_Durmitor	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_454_2_GR_Moni_Stomion	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_cory_447_1_GR_Olympus	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_micro_417_1_BA_Vlasic	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_pet_381_1_SLO_Modrej	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_pet_382_1_SL_Trnovo	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_pet_468_2_RO_Caras_Severin	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_pet_467_1_RO_Caras_Severin	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_pet_363_1_RO_Caras_Severin	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_400_1_HU_Oreg-ko	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_485_1_MK_Novo_Negovican	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_427_1_MK_Demir_Kapija	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_426_1_MK_Bregalnica	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_178_1_RS_Topli	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_434_1_BG_Rila	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_435_1_BG_Beledi_Han	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_425_1_AU_Durnstein	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_444_1_CZ_Prague	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG



A_sax_489_1_SK_Bratislava	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_466_3_RO_Caras_Severin	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_460_1_RO_Cheia	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_464_1_RO_Cluj	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_488_1_BG_Topolovograd	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAA-AAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_433_1_BG_Krdali	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_461_1_RO_Tulcea	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_462_1_RO_Neamt	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sax_463_1_RO_Neamt	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_472_1_HR_Cres	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_149_1_HR_Cres	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_442_1_HR_Ciovo	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_423_1_HR_Istra	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGGG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_490_1_HR_Korcula	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_361_1_HR_Peljesac	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_421_1_HR_Vis_Pritiscina	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_161_1_HR_Jabuka	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATC
A_leu_199_1_HR_Vis	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGGG	AAAAA-AAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_470_1_HR_Palagruza	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_159_1_HR_Palagruza	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_416_1_IT_Porto_Selvaggio	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_413_1_IT_Capo_di_Leuca	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_414_1_IT_Castro	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_457_6_IT_Abruzzi	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_458_1_IT_Gargano	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_357_1_HR_Knin	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_374_1_HR_Zivogosce	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_388_1_HR_Klek	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_355_1_HR_Kozjak	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_371_1_HR_Karlobag	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_474_1_HR_Zakosa	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_477_1_HR_Lukovo	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_469_1_HR_Senj	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_471_1_HR_Cres	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_372_1_HR_Rab	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_370_1_HR_Paklenica	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_399_1_HR_Sibenik	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_356_1_HR_Mosor	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_440_1_HR_Kornati	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_leu_392_1_HR_Split	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_376_1_HR_Dugi_otok	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_420_1_HR_Biokovo	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_439_1_HR_Dugi_otok	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_491_1_HR_Doli	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_373_1_HR_Omis	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_sin_398_1_HR_Vransko_jezero	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATC	AATTTTGGGT	TAGTACCATT	ATTAACAATG
A_mor_450_1_GR_Peloponnese	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
Fibigia_clypeata_KF022972	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGAAG	AAAAAAAAAA	ACTAAA <sup>C</sup> AAA	AATGTTGGGT	TAGTACCATT	ATTAACAATT
Berteroa_incana_KF022955	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAA <sup>C</sup> AAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
Berteroa_mutabilis_KF022956	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAA <sup>C</sup> AAAA	ACTTAATATA	AATTTTAGGT	TAGTACCATT	ATTAACAATG
Galitzkya_macrocarpa_KF022982	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AATTTTGGGT	TAGTACCATT	ATTAACAATG
Galitzkya_potaninii_KF022983	AGTAGCTCCT	TGTATTCAAT	TTCTTTATGG	GGTAAAGGAG	AAAAAAAAAA	ACTTAATATA	AAT-----T	TAGTACCATT	ATTAACAATG

A_sax_449_1_GR_Peloponez	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_437_1_GR_Mistras	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_455_1_GR_Timfi	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_396_1_IT_Keflania	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_364_1_GR_Pugliona	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_365_1_GR_Ithaka	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_384_1_AL_Tepelene	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_385_1_AL_Vlore	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_428_1_MK_Stenje	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_436_1_GR_Farsala	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_451_1_GR_Peloponez	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_359_1_IT_Volturino	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_378_1_MK_Konjsko	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_386_1_AL_Vlore	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_410_1_GR_Sikia	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_448_1_GR_Olimp	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_453_1_GR_Meteora	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_456_2_GR_Kozani	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_265_1_MK_Stenje	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_gio_452_2_GR_Gionae	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_493_1_GR_Samos	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_494_1_GR_Samos	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_492_1_GR_Chios	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAACCA	AACTTTTATT	ACTGTTGAAA
A_sax_445_1_PO_Czorsztyn	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_404_2_RS_KrÅ³nice	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_465_1_RO_Orsova	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_405_2_MK_Vrutok	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_486_1_MK_Treske	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_368_1_MK_Crni_Drim	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_387_1_AL_Mjede	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_429_1_CZ_Bechyne	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_430_1_CZ_Cesky_Krumlov	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_360_1_MK_Crni_Drim	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_481_1_RS_Medvednik	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_379_1_ME_Prokletije	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_389_2_ME_Prokletije	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_484_2_ME_Durmitor	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_454_2_GR_Moni_Stomion	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_cory_447_1_GR_Olympus	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_micro_417_1_BA_Vlasic	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_pet_381_1_SLO_Modrej	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_pet_382_1_SL_Trnovo	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_pet_468_2_RO_Caras_Severin	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_pet_467_1_RO_Caras_Severin	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_pet_363_1_RO_Caras_Severin	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_400_1_HU_Oreg-ko	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_485_1_MK_Novo_Negovican	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_427_1_MK_Demir_Kapija	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_426_1_MK_Bregalnica	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_178_1_RS_Topli	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_434_1_BG_Rila	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_435_1_BG_Beledi_Han	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_425_1_AU_Durnstein	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_444_1_CZ_Prague	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAA	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA



A_sax_489_1_SK_Bratislava	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_466_3_RO_Caras_Severin	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_460_1_RO_Cheia	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATA	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_464_1_RO_Cluj	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_488_1_BG_Topolovograd	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_433_1_BG_Krdali	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_461_1_RO_Tulcea	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_462_1_RO_Neamt	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sax_463_1_RO_Neamt	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_472_1_HR_Cres	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_149_1_HR_Cres	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_442_1_HR_Ciovo	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_423_1_HR_Istra	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_490_1_HR_Korcula	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_361_1_HR_Peljesac	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_421_1_HR_Vis_Pritiscina	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_161_1_HR_Jabuka	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_199_1_HR_Vis	AATAATAGGA	AAAGAGCTTC	TTTTTTT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_470_1_HR_Palagruza	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_159_1_HR_Palagruza	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_416_1_IT_Porto_Selvaggio	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_413_1_IT_Capo_di_Leuca	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_414_1_IT_Castro	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_457_6_IT_Abruzzi	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_458_1_IT_Gargano	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_357_1_HR_Knin	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_374_1_HR_Zivogosce	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_388_1_HR_Klek	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_355_1_HR_Kozjak	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_371_1_HR_Karlobag	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_474_1_HR_Zakosa	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_477_1_HR_Lukovo	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_469_1_HR_Senja	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_471_1_HR_Cres	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_372_1_HR_Rab	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_370_1_HR_Paklenica	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_399_1_HR_Sibenik	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_356_1_HR_Mosor	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_440_1_HR_Kornati	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_leu_392_1_HR_Split	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_376_1_HR_Dugi_otok	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_420_1_HR_Biokovo	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_439_1_HR_Dugi_otok	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_491_1_HR_Doli	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_373_1_HR_Omis	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_sin_398_1_HR_Vransko_jezero	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
A_mor_450_1_GR_Peloponnese	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
Fibigia_clypeata_KF022972	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	GCAGAGAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
Berteroa_incana_KF022955	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
Berteroa_mutabilis_KF022956	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
Galitzkya_macrocarpa_KF022982	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA
Galitzkya_potaninii_KF022983	AATAATAGGA	AAAGAGCTTC	TTTTTT--TT	TCAAAAAAAAAC	ATATAAAATT	AGTAATAATG	TAAGAAATCA	AACTTTTATT	ACTGTTGAAA

A_sax_449_1_GR_Peloponez	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_437_1_GR_Mistras	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_455_1_GR_Timfi	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_396_1_IT_Puglia	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_364_1_GR_Kefalonia	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_365_1_GR_Ithaka	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_384_1_AL_Tepelene	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_385_1_AL_Vlore	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_428_1_MK_Stenje	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_436_1_GR_Farsala	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_451_1_GR_Peloponez	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_359_1_IT_Volturino	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_378_1_MK_Konjsko	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_386_1_AL_Vlore	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_410_1_GR_Sikia	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_448_1_GR_Olimp	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_453_1_GR_Meteora	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_456_2_GR_Kozani	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_sax_265_1_MK_Stenje	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TATATTACTT	TTATTTACTT
A_gio_452_2_GR_Gionae	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_493_1_GR_Samos	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_494_1_GR_Samos	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_492_1_GR_Chios	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_445_1_PO_Czorsztyn	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_404_2_RS_KrÅ³nice	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_465_1_RO_Orsova	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_405_2_MK_Vrutok	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_486_1_MK_Treske	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_368_1_MK_Crni_Drim	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_387_1_AL_Mjede	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_429_1_CZ_Bechyne	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_430_1_CZ_Cesky_Krumlov	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_360_1_MK_Crni_Drim	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_481_1_RS_Medvednik	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_379_1_ME_Prokletije	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_389_2_ME_Prokletije	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_484_2_ME_Durmitor	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_454_2_GR_Moni_Stomion	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_cory_447_1_GR_Olympus	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_micro_417_1_BA_Vlasic	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_pet_381_1_SLO_Modrej	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_pet_382_1_SL_Trnovo	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_pet_468_2_RO_Caras_Severin	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_pet_467_1_RO_Caras_Severin	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_pet_363_1_RO_Caras_Severin	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_400_1_HU_Oreg-ko	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_485_1_MK_Novo_Negovican	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_427_1_MK_Demir_Kapija	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_426_1_MK_Bregalnica	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_178_1_RS_Topli	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_434_1_BG_Rila	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_435_1_BG_Beledi_Han	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_425_1_AU_Durnstein	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_444_1_CZ_Prague	ATTTGGCCT	TAATACAATA	ACTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT

A_sax_489_1_SK_Bratislava	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_466_3_RO_Caras_Severin	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_460_1_RO_Cheia	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_464_1_RO_Cluj	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_488_1_BG_Topolovograd	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_433_1_BG_Krdali	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_461_1_RO_Tulcea	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_462_1_RO_Neamt	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sax_463_1_RO_Neamt	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_472_1_HR_Cres	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_149_1_HR_Cres	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_442_1_HR_Ciovo	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_423_1_HR_Istra	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_490_1_HR_Korcula	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_361_1_HR_Peljesac	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_421_1_HR_Vis_Pritiscina	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_161_1_HR_Jabuka	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_199_1_HR_Vis	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_470_1_HR_Palagruza	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_159_1_HR_Palagruza	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_416_1_IT_Porto_Selvaggio	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_413_1_IT_Capo_di_Leuca	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_414_1_IT_Castro	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_457_6_IT_Abruzzi	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_458_1_IT_Gargano	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_357_1_HR_Knin	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_374_1_HR_Zivogosce	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_388_1_HR_Klek	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_355_1_HR_Kozjak	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_371_1_HR_Karlobag	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_474_1_HR_Zakosa	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_477_1_HR_Lukovo	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_469_1_HR_Senjski	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_471_1_HR_Cres	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_372_1_HR_Rab	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_370_1_HR_Paklenica	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_399_1_HR_Sibenik	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_356_1_HR_Mosor	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_440_1_HR_Kornati	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_leu_392_1_HR_Split	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_376_1_HR_Dugi_otok	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_420_1_HR_Biokovo	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_439_1_HR_Dugi_otok	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_491_1_HR_Doli	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_373_1_HR_Omis	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_sin_398_1_HR_Vransko_jezero	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
A_mor_450_1_GR_Peloponnese	ATTTTGGCCT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
Fibigia_clypeata_KF022972	ATTTTGGACT	TAATACAAGA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
Berteroa_incana_KF022955	ATTTTGGACT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
Berteroa_mutabilis_KF022956	ATTTTGGACT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
Galitzkya_macrocarpa_KF022982	ATTTTGGACT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT
Galitzkya_potaninii_KF022983	ATTTTGGACT	TAATACAATA	ACTTTCTATT	ATCCCCATGA	ATCAGACAAT	ACTATTCTAT	TTCCGATGCT	TGTATTACTT	TTATTTACTT

A_sax_449_1_GR_Peloponez	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	TACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_437_1_GR_Mistras	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_455_1_GR_Timfi	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_396_1_IT_Kefliala	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_364_1_GR_Puglonia	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_365_1_GR_Ithaka	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_384_1_AL_Tepelene	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_385_1_AL_Vlore	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_428_1_MK_Stenje	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_436_1_GR_Farsala	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_451_1_GR_Peloponez	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_359_1_IT_Volturino	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_378_1_MK_Konjsko	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_386_1_AL_Vlore	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_410_1_GR_Sikia	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_448_1_GR_Olimp	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_453_1_GR_Meteora	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_456_2_GR_Kozani	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_265_1_MK_Stenje	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_gio_452_2_GR_Gionae	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_493_1_GR_Samos	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_494_1_GR_Samos	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_492_1_GR_Chios	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_445_1_PO_Czorsztyn	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_404_2_RS_KrÅ³nice	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_465_1_RO_Orsova	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_405_2_MK_Vrutok	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_486_1_MK_Treske	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_368_1_MK_Crni_Drim	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_387_1_AL_Mjede	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_429_1_CZ_Bechyne	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_430_1_CZ_Cesky_Krumlov	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_360_1_MK_Crni_Drim	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_481_1_RS_Medvednik	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_379_1_ME_Prokletije	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_389_2_ME_Prokletije	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_484_2_ME_Durmitor	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_454_2_GR_Moni_Stomion	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_cory_447_1_GR_Olympus	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_micro_417_1_BA_Vlasic	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_pet_381_1_SLO_Modrej	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_pet_382_1_SL_Trnovo	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_pet_468_2_RO_Caras_Severin	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_pet_467_1_RO_Caras_Severin	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_pet_363_1_RO_Caras_Severin	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_400_1_HU_Oreg-ko	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_485_1_MK_Novo_Negovican	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_427_1_MK_Demir_Kapija	TATTTATTGG	TGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_426_1_MK_Bregalnica	TATTTATTGG	TGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_178_1_RS_Topli	TATTTATTGG	TGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_434_1_BG_Rila	TATTTATTGG	TGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_435_1_BG_Beledi_Han	TATTTATTGG	TGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_425_1_AU_Durnstein	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA
A_sax_444_1_CZ_Prague	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAAC	CCGTCAATA

A_sax_489_1_SK_Bratislava	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_466_3_RO_Caras_Severin	TATTTATTGG	CGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_460_1_RO_Cheia	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_464_1_RO_Cluj	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_488_1_BG_Topolovograd	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_433_1_BG_Krdali	TAGTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_461_1_RO_Tulcea	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_462_1_RO_Neamt	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sax_463_1_RO_Neamt	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_472_1_HR_Cres	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_149_1_HR_Cres	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_442_1_HR_Ciovo	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_423_1_HR_Istra	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_490_1_HR_Korcula	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	AACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_361_1_HR_Peljesac	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	AACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_421_1_HR_Vis_Pritiscina	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_161_1_HR_Jabuka	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_199_1_HR_Vis	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_470_1_HR_Palagruza	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_159_1_HR_Palagruza	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_416_1_IT_Porto_Selvaggio	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_413_1_IT_Capo_di_Leuca	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_414_1_IT_Castro	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_457_6_IT_Abruzzi	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTTTTAACG	CCGTC AATAA
A_sin_458_1_IT_Gargano	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_357_1_HR_Knin	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_374_1_HR_Zivogosce	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_388_1_HR_Klek	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_355_1_HR_Kozjak	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_371_1_HR_Karlobag	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_474_1_HR_Zakosa	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_477_1_HR_Lukovo	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_469_1_HR_Senjs	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_471_1_HR_Cres	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_372_1_HR_Rab	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_370_1_HR_Paklenica	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_399_1_HR_Sibenik	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_356_1_HR_Mosor	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_440_1_HR_Kornati	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_leu_392_1_HR_Split	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_376_1_HR_Dugi_otok	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_420_1_HR_Biokovo	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_439_1_HR_Dugi_otok	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_491_1_HR_Doli	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_373_1_HR_Omis	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_sin_398_1_HR_Vransko_jezero	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGACTA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
A_mor_450_1_GR_Peloponnese	TATTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	TACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
Fibigia_clypeata_KF022972	TGTTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGTAATA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTC AATAA
Berteroa_incana_KF022955	TGTTTATTGG	AGCTATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAAC	ATTATTAACG	CCATCCATAA
Berteroa_mutabilis_KF022956	TGTTTATTGG	AGCTATAGGA	ATTCCTT	---	---	TCAATCA	AGAAGGAATA	GACTTTGATA	TATTATCAAC	ATTATTAACG	CCATCCATAA
Galitzkya_macrocarpa_KF022982	TGTTTATTGG	AGCCATAGGA	ATTCCTT	---	---	TCAATAC	AGAAGGAATA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTCGATAA
Galitzkya_potaninii_KF022983	TGTTTATTGG	AGCCATAGGA	ATTCCTTTTA	CTTT	CAATAA	AGAAGGAATA	GACTTTGATA	GACTTTGATA	TATTATCAA	ATTATTAACG	CCGTCGATAA

A_sax_449_1_GR_Peloponez	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_437_1_GR_Mistras	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_455_1_GR_Timfi	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_396_1_IT_Kefliala	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_364_1_GR_Puglonia	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_365_1_GR_Ithaka	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_384_1_AL_Tepelene	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_385_1_AL_Vlore	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_428_1_MK_Stenje	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_436_1_GR_Farsala	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_451_1_GR_Peloponez	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_359_1_IT_Volturino	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_378_1_MK_Konjsko	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_386_1_AL_Vlore	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_410_1_GR_Sikia	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_448_1_GR_Olimp	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_453_1_GR_Meteora	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_456_2_GR_Kozani	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_265_1_MK_Stenje	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_gio_452_2_GR_Gionae	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_493_1_GR_Samos	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_494_1_GR_Samos	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_492_1_GR_Chios	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
A_sax_445_1_PO_Czorsztyn	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_404_2_RS_KrÅ³nice	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCATT	CAGTATAGCT	TTATTTGGAA
A_sax_465_1_RO_Orsova	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_405_2_MK_Vrutok	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	GAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_486_1_MK_Treske	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	GAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_368_1_MK_Crni_Drim	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	GAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_387_1_AL_Mjede	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	GAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_429_1_CZ_Bechyne	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_430_1_CZ_Cesky_Krumlov	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_360_1_MK_Crni_Drim	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_481_1_RS_Medvednik	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_379_1_ME_Prokletije	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_389_2_ME_Prokletije	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_484_2_ME_Durmitor	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_454_2_GR_Moni_Stomion	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_cory_447_1_GR_Olympus	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_micro_417_1_BA_Vlasic	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_pet_381_1_SLO_Modrej	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_pet_382_1_SL_Trnovo	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_pet_468_2_RO_Caras_Severin	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_pet_467_1_RO_Caras_Severin	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_pet_363_1_RO_Caras_Severin	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_400_1_HU_Oreg-ko	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_485_1_MK_Novo_Negovican	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_427_1_MK_Demir_Kapija	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_426_1_MK_Bregalnica	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_178_1_RS_Topli	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAGTTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_434_1_BG_Rila	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_435_1_BG_Beledi_Han	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_425_1_AU_Durnstein	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_444_1_CZ_Prague	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA



A_sax_489_1_SK_Bratislava	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_466_3_RO_Caras_Severin	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_460_1_RO_Cheia	AAATTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_464_1_RO_Cluj	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_488_1_BG_Topolovograd	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_433_1_BO_Krdali	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_461_1_RO_Tulcea	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_462_1_RO_Neamt	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sax_463_1_RO_Neamt	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_472_1_HR_Cres	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_149_1_HR_Cres	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_442_1_HR_Ciovo	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_423_1_HR_Istra	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_490_1_HR_Korcula	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_361_1_HR_Peljesac	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_421_1_HR_Vis_Pritiscina	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_161_1_HR_Jabuka	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_199_1_HR_Vis	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_470_1_HR_Palagruza	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_159_1_HR_Palagruza	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_416_1_IT_Porto_Selvaggio	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_413_1_IT_Capo_di_Leuca	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_414_1_IT_Castro	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_457_6_IT_Abruzzi	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_458_1_IT_Gargano	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_357_1_HR_Knin	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_374_1_HR_Zivogosce	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_388_1_HR_Klek	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_355_1_HR_Kozjak	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_371_1_HR_Karlobag	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_474_1_HR_Zakosa	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_477_1_HR_Lukovo	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_469_1_HR_Senj	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_471_1_HR_Cres	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_372_1_HR_Rab	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_370_1_HR_Paklenica	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_399_1_HR_Sibenik	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_356_1_HR_Mosor	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_440_1_HR_Kornati	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_leu_392_1_HR_Split	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_376_1_HR_Dugi_otok	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_420_1_HR_Biokovo	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_439_1_HR_Dugi_otok	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_491_1_HR_Doli	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_373_1_HR_Omis	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_sin_398_1_HR_Vransko_jezero	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	ATAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
A_mor_450_1_GR_Peloponnese	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	AAGCATAGCT	TTGTTTGGAA
Fibigia_clypeata_KF022972	ACCTTTTGCA	TAAAAATGCA	CAAAAATTTG	TTGATTGGTA	TGAATTTTTT	ATAAATTCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
Berteroa_incana_KF022955	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCT	TTGTTTGGAA
Berteroa_mutabilis_KF022956	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCC	TTGTTTGGAA
Galitzkya_macrocarpa_KF022982	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGT	CAGTATAGCC	TTGTTTGGAA
Galitzkya_potaninii_KF022983	ACCTTTTGCA	TAAAAATTCA	CAAAAATTTG	TAGATTGGTA	TGAATTTTTT	AGAAATGCAA	CTTTTTCAGC	CAGTATAGCC	TTGTTTGGAA

A_sax_449_1_GR_Peloponez	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_437_1_GR_Mistras	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_455_1_GR_Timfi	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_396_1_IT_Keflania	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_364_1_GR_Kufalonia	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_365_1_GR_Ithaka	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_384_1_AL_Tepelene	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_385_1_AL_Vlore	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_428_1_MK_Stenje	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_436_1_GR_Farsala	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_451_1_GR_Peloponez	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_359_1_IT_Volturino	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_378_1_MK_Konjsko	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_386_1_AL_Vlore	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_410_1_GR_Sikia	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_448_1_GR_Olimp	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_453_1_GR_Meteora	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_456_2_GR_Kozani	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_265_1_MK_Stenje	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_gio_452_2_GR_Gionae	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_493_1_GR_Samos	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_494_1_GR_Samos	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_492_1_GR_Chios	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_445_1_PO_Czorsztyn	TATTTATAGC	ATACTGTTTA	TATAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_404_2_RS_KrÅ¼nice	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_465_1_RO_Orsova	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_405_2_MK_Vrutok	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_486_1_MK_Treske	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_368_1_MK_Crni_Drim	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_387_1_AL_Mjede	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_429_1_CZ_Bechyne	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_430_1_CZ_Cesky_Krumlov	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_360_1_MK_Crni_Drim	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_481_1_RS_Medvednik	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_379_1_ME_Prokletije	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_389_2_ME_Prokletije	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_484_2_ME_Durmitor	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_454_2_GR_Moni_Stomion	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_cory_447_1_GR_Olympus	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_micro_417_1_BA_Vlasic	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_pet_381_1_SLO_Modrej	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_pet_382_1_SL_Trnovo	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_pet_468_2_RO_Caras_Severin	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_pet_467_1_RO_Caras_Severin	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_pet_363_1_RO_Caras_Severin	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_400_1_HU_Oreg-ko	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_485_1_MK_Novo_Negovican	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_427_1_MK_Demir_Kapija	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_426_1_MK_Bregalnica	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_178_1_RS_Topli	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_434_1_BG_Rila	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_435_1_BG_Beledi_Han	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_425_1_AU_Durnstein	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_444_1_CZ_Prague	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----



A_sax_489_1_SK_Bratislava	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_466_3_RO_Caras_Severin	TATTTATAGC	ATACTGTTTA	TATAAACCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_460_1_RO_Cheia	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_464_1_RO_Cluj	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_488_1_BG_Topolovograd	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_433_1_BG_Krdali	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_461_1_RO_Tulcea	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_462_1_RO_Neamt	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sax_463_1_RO_Neamt	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_472_1_HR_Cres	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_149_1_HR_Cres	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_442_1_HR_Ciovo	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_423_1_HR_Istra	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_490_1_HR_Korcula	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_361_1_HR_Peljesac	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_421_1_HR_Vis_Pritiscina	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_161_1_HR_Jabuka	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_199_1_HR_Vis	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_470_1_HR_Palagruza	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_159_1_HR_Palagruza	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_416_1_IT_Porto_Selvaggio	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_413_1_IT_Capo_di_Leuca	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_414_1_IT_Castro	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_457_6_IT_Abruzzi	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_458_1_IT_Gargano	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_357_1_HR_Knin	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_374_1_HR_Zivogosce	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_388_1_HR_Klek	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_355_1_HR_Kozjak	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_371_1_HR_Karlobag	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_474_1_HR_Zakosa	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_477_1_HR_Lukovo	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_469_1_HR_Senj	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_471_1_HR_Cres	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_372_1_HR_Rab	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_370_1_HR_Paklenica	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_399_1_HR_Sibenik	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_356_1_HR_Mosor	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_440_1_HR_Kornati	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_leu_392_1_HR_Split	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_376_1_HR_Dugi_otok	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_420_1_HR_Biokovo	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_439_1_HR_Dugi_otok	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_491_1_HR_Doli	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_373_1_HR_Omis	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_sin_398_1_HR_Vransko_jezero	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
A_mor_450_1_GR_Peloponnese	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTG	AGTTAT	----
Fibigia_clypeata_KF022972	TATTTATATC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTTATT	TAAAAAATGG	AGTTCT	----
Berteroa_incana_KF022955	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTA	AGTTCT	----
Berteroa_mutabilis_KF022956	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTA	AGTTCT	----
Galitzkya_macrocarpa_KF022982	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTA	AGTTCT	----
Galitzkya_potaninii_KF022983	TATTTATAGC	ATACTGTTTA	TATAAAGCCTT	TTTATTCATC	TTTATTTAAAT	TTAAACCTTAC	TTAATTCATT	TCAAAAATTA	AGTTCT	----

A_sax_449_1_GR_Peloponez	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_437_1_GR_Mistras	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_455_1_GR_Timfi	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_396_1_IT_Kefliala	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_364_1_GR_Puglonia	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_365_1_GR_Ithaka	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_384_1_AL_Tepelene	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_385_1_AL_Vlore	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_428_1_MK_Stenje	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_436_1_GR_Farsala	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_451_1_GR_Peloponez	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_359_1_IT_Volturino	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_378_1_MK_Konjsko	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_386_1_AL_Vlore	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_410_1_GR_Sikia	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_448_1_GR_Olimp	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_453_1_GR_Meteora	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_456_2_GR_Kozani	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_265_1_MK_Stenje	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_gio_452_2_GR_Gionae	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_493_1_GR_Samos	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_494_1_GR_Samos	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_492_1_GR_Chios	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sax_445_1_PO_Czorsztyn	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_404_2_RS_KrÅ³nice	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_465_1_RO_Orsova	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_405_2_MK_Vrutok	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTTTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_486_1_MK_Treske	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTTTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_368_1_MK_Crni_Drim	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTTTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_387_1_AL_Mjede	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTTTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_429_1_CZ_Bechyne	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_430_1_CZ_Cesky_Krumlov	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_360_1_MK_Crni_Drim	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_481_1_RS_Medvednik	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_379_1_ME_Prokletije	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_389_2_ME_Prokletije	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_484_2_ME_Durmitor	AAAAGAA	TTTGGTGGG	AAAAA	ACTACTAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_454_2_GR_Moni_Stomion	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_cory_447_1_GR_Olympus	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_micro_417_1_BA_Vlasic	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_pet_381_1_SLO_Modrej	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTTTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_pet_382_1_SL_Trnovo	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTTTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_pet_468_2_RO_Caras_Severin	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_pet_467_1_RO_Caras_Severin	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_pet_363_1_RO_Caras_Severin	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_400_1_HU_Oreg-ko	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAAA	AACATATTTA
A_sax_485_1_MK_Novo_Negovican	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_427_1_MK_Demir_Kapija	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_426_1_MK_Bregalnica	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_178_1_RS_Topli	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_434_1_BG_Rila	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_435_1_BG_Beledi_Han	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_425_1_AU_Durnstein	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA
A_sax_444_1_CZ_Prague	AAAAGAA	TTTGGTGGG	AAAAA	ACTAATAAA	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTTAA	AACATATTTA

A_sax_489_1_SK_Bratislava	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_466_3_RO_Caras_Severin	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_460_1_RO_Cheia	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_464_1_RO_Cluj	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_488_1_BG_Topolovograd	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGGTA	CTTTTTTAAA	AACATATTTA
A_sax_433_1_BO_Krdali	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_461_1_RO_Tulcea	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_462_1_RO_Neamt	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sax_463_1_RO_Neamt	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_472_1_HR_Cres	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_149_1_HR_Cres	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_442_1_HR_Ciovo	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_423_1_HR_Istra	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CGTTTTTTAAA	AACATATTTA
A_leu_490_1_HR_Korcula	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_361_1_HR_Peljesac	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_421_1_HR_Vis_Pritiscina	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_161_1_HR_Jabuka	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_199_1_HR_Vis	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_470_1_HR_Palagruza	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_159_1_HR_Palagruza	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AATATATTTA
A_leu_416_1_IT_Porto_Selvaggio	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_413_1_IT_Capo_di_Leuca	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_414_1_IT_Castro	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_457_6_IT_Abruzzi	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_458_1_IT_Gargano	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_357_1_HR_Knin	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_374_1_HR_Zivogosce	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sin_388_1_HR_Klek	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
A_sin_355_1_HR_Kozjak	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_371_1_HR_Karlobag	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_474_1_HR_Zakosa	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_477_1_HR_Lukovo	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_469_1_HR_Senj	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_471_1_HR_Cres	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_372_1_HR_Rab	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_370_1_HR_Paklenica	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AAAATATTTA
A_sin_399_1_HR_Sibenik	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_356_1_HR_Mosor	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_440_1_HR_Kornati	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_leu_392_1_HR_Split	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_376_1_HR_Dugi_otok	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_420_1_HR_Biokovo	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_439_1_HR_Dugi_otok	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_491_1_HR_Doli	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_373_1_HR_Omis	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_sin_398_1_HR_Vransko_jezero	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATATTTA
A_mor_450_1_GR_Peloponnese	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATATTTA
Fibigia_clypeata_KF022972	AAAAGAATTT	GGTGGGAAAA	AATAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTAAA	AACATCITTA
Berteroa_incana_KF022955	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTATATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATCITTA
Berteroa_mutabilis_KF022956	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTATATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATCITTA
Galitzkya_macrocarpa_KF022982	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATCITTA
Galitzkya_potaninii_KF022983	AAAAGAATTT	GGTGGGAAAA	ACTAATAAAT	TTTGTATATA	ATTGGTCATA	TAATCGTGGT	TACATAGATA	CTTTTTTTAA	AACATCITTA

A_sax_449_1_GR_Peloponez	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_437_1_GR_Mistras	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_455_1_GR_Timfi	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_396_1_IT_Puglia	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_364_1_GR_Kefalonia	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_365_1_GR_Ithaka	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_384_1_AL_Tepelene	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_385_1_AL_Vlore	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_428_1_MK_Stenje	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_436_1_GR_Farsala	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_451_1_GR_Peloponez	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_359_1_IT_Volturino	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_378_1_MK_Konjsko	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_386_1_AL_Vlore	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_410_1_GR_Sikia	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_448_1_GR_Olimp	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_453_1_GR_Meteora	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_456_2_GR_Kozani	ACTGAAAATA	TAAGAGGATT	AGCC
A_sax_265_1_MK_Stenje	ACTGAAAATA	TAAGAGGATT	AGCC
A_gio_452_2_GR_Gionae	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_493_1_GR_Samos	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_494_1_GR_Samos	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_492_1_GR_Chios	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_445_1_PO_Czorsztyn	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_404_2_RS_KrÅ³nice	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_465_1_RO_Orsova	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_405_2_MK_Vrutok	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_486_1_MK_Treske	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_368_1_MK_Crni_Drim	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_387_1_AL_Mjede	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_429_1_CZ_Bechyne	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_430_1_CZ_Cesky_Krumlov	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_360_1_MK_Crni_Drim	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_481_1_RS_Medvednik	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_379_1_ME_Prokletije	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_389_2_ME_Prokletije	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_484_2_ME_Durmitor	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_454_2_GR_Moni_Stomion	ACTGAAAATA	TAAGAGGATT	AGCA
A_cory_447_1_GR_Olympus	ACTGAAAATA	TAAGAGGATT	AGCA
A_micro_417_1_BA_Vlasic	ACTGAAAATA	TAAGAGGATT	AGCA
A_pet_381_1_SLO_Modrej	ACTGAAAATA	TAAGAGGATT	AGCA
A_pet_382_1_SL_Trnovo	ACTGAAAATA	TAAGAGGATT	AGCA
A_pet_468_2_RO_Caras_Severin	ACTGAAAATA	TAAGAGGATT	AGCA
A_pet_467_1_RO_Caras_Severin	ACTGAAAATA	TAAGAGGATT	AGCA
A_pet_363_1_RO_Caras_Severin	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_400_1_HU_Oreg-ko	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_485_1_MK_Novo_Negovican	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_427_1_MK_Demir_Kapija	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_426_1_MK_Bregalnica	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_178_1_RS_Topli	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_434_1_BG_Rila	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_435_1_BG_Beledi_Han	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_425_1_AU_Durnstein	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_444_1_CZ_Prague	ACTGAAAATA	TAAGAGGATT	AGCA

A_sax_489_1_SK_Bratislava	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_466_3_RO_Caras_Severin	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_460_1_RO_Cheia	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_464_1_RO_Cluj	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_488_1_BG_Topolovograd	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_433_1_BG_Krdali	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_461_1_RO_Tulcea	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_462_1_RO_Neamt	ACTGAAAATA	TAAGAGGATT	AGCA
A_sax_463_1_RO_Neamt	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_472_1_HR_Cres	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_149_1_HR_Cres	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_442_1_HR_Ciovo	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_423_1_HR_Istra	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_490_1_HR_Korcula	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_361_1_HR_Peljesac	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_421_1_HR_Vis_Pritiscina	ACTGAAAATA	TAAGAGGATT	AACA
A_leu_161_1_HR_Jabuka	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_199_1_HR_Vis	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_470_1_HR_Palagruza	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_159_1_HR_Palagruza	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_416_1_IT_Porto_Selvaggio	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_413_1_IT_Capo_di_Leuca	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_414_1_IT_Castro	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_457_6_IT_Abruzzi	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_458_1_IT_Gargano	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_357_1_HR_Knin	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_374_1_HR_Zivogosce	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_388_1_HR_Klek	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_355_1_HR_Kozjak	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_371_1_HR_Karlobag	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_474_1_HR_Zakosa	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_477_1_HR_Lukovo	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_469_1_HR_Senj	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_471_1_HR_Cres	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_372_1_HR_Rab	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_370_1_HR_Paklenica	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_399_1_HR_Sibenik	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_356_1_HR_Mosor	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_440_1_HR_Kornati	ACTGAAAATA	TAAGAGGATT	AGCA
A_leu_392_1_HR_Split	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_376_1_HR_Dugi_otok	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_420_1_HR_Biokovo	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_439_1_HR_Dugi_otok	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_491_1_HR_Doli	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_373_1_HR_Omis	ACTGAAAATA	TAAGAGGATT	AGCA
A_sin_398_1_HR_Vransko_jezero	ACTGAAAATA	TAAGAGGATT	AGCA
A_mor_450_1_GR_Peloponnese	ACTGAAAATA	TAAGAGGATT	AGCA
Fibigia_clypeata_KF022972	ACTGAAAAGTA	TAAGAGGATT	AGCA
Berteroa_incana_KF022955	ACTGAAAATA	TAAGAGTATT	AGCA
Berteroa_mutabilis_KF022956	ACTGAAAATA	TAAGAGTATT	AGCA
Galitzkya_macrocarpa_KF022982	ACTGAAAATA	TAAGAGTATT	AGCA
Galitzkya_potaninii_KF022983	ACTGAAAATA	TAAGAGTATT	AGCA