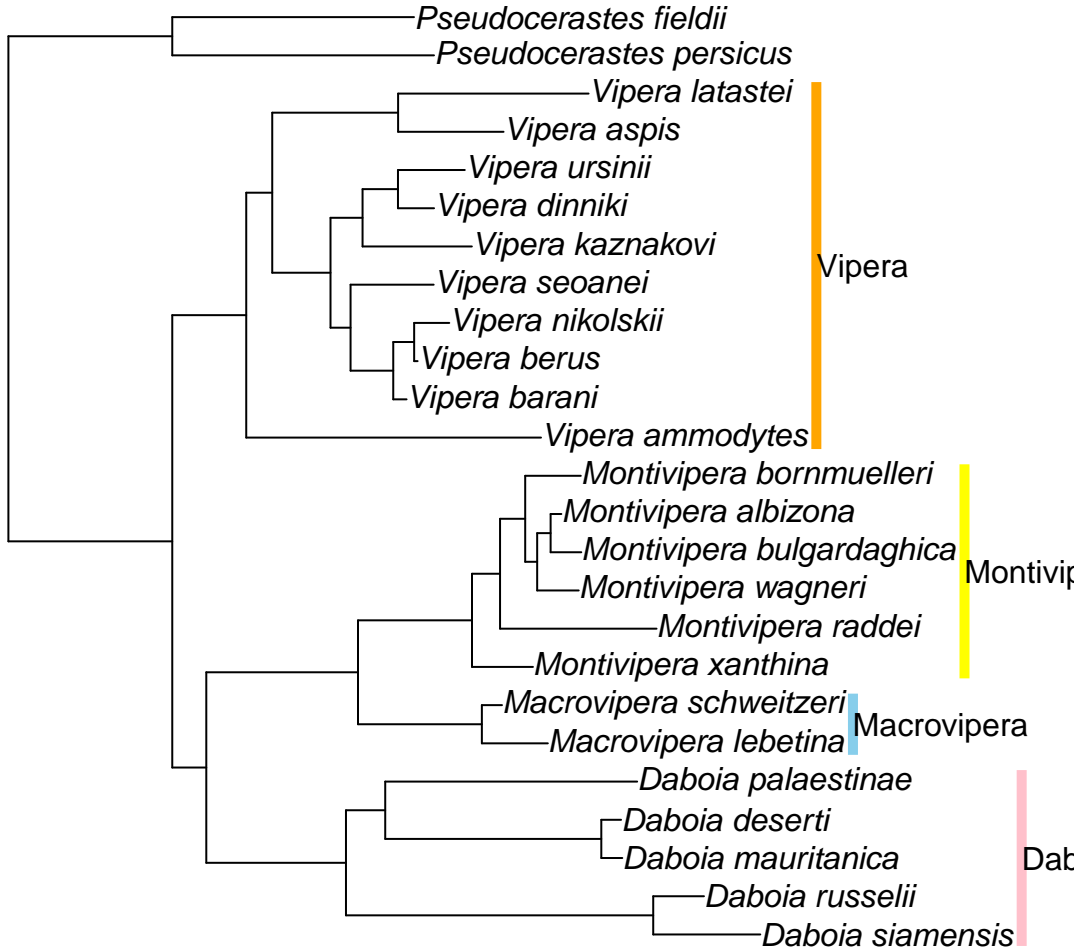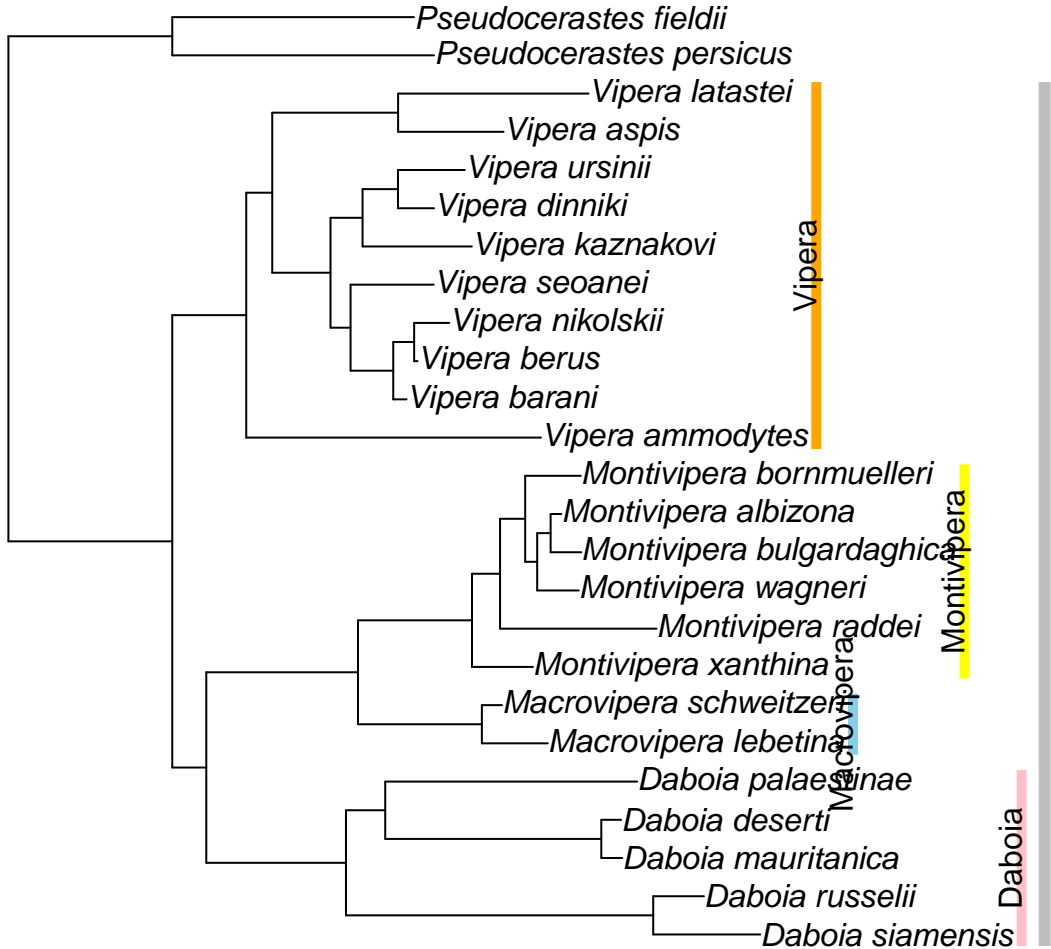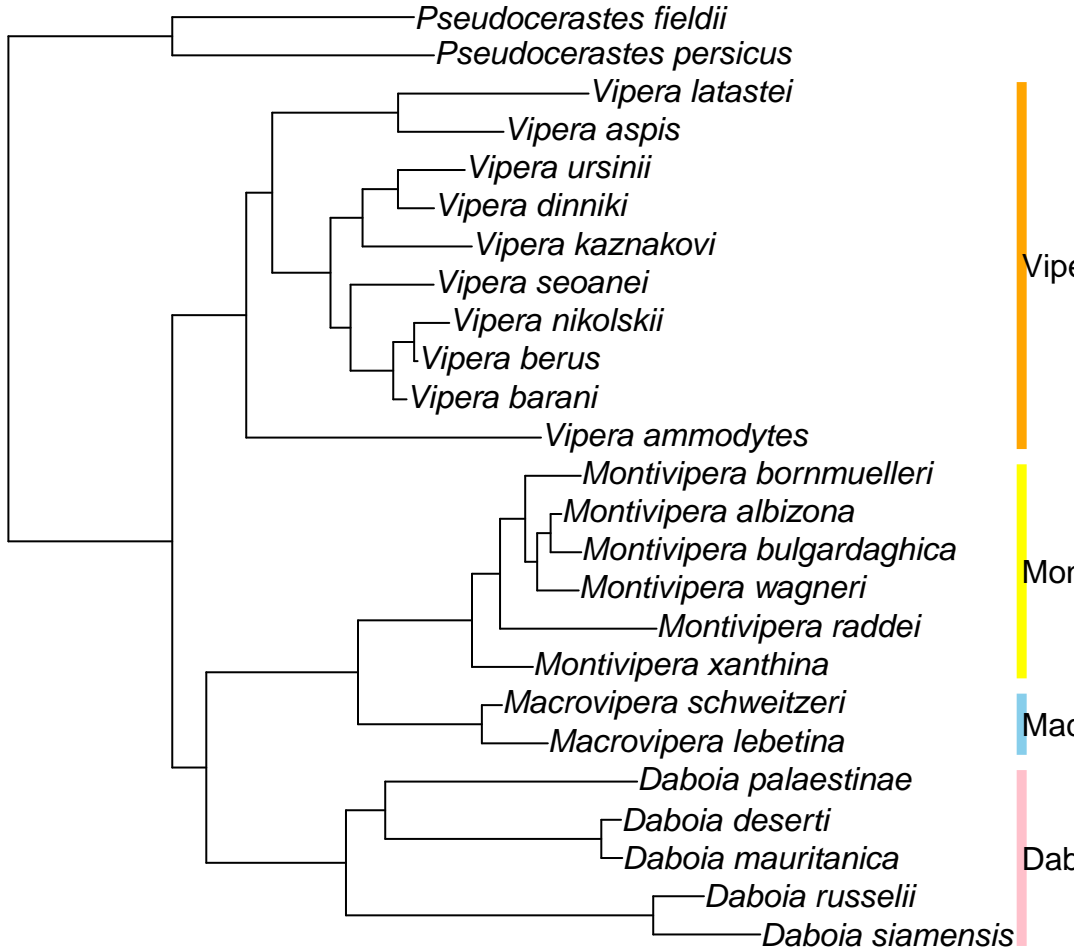# direction = 'rightwards', align = 'cladewise'
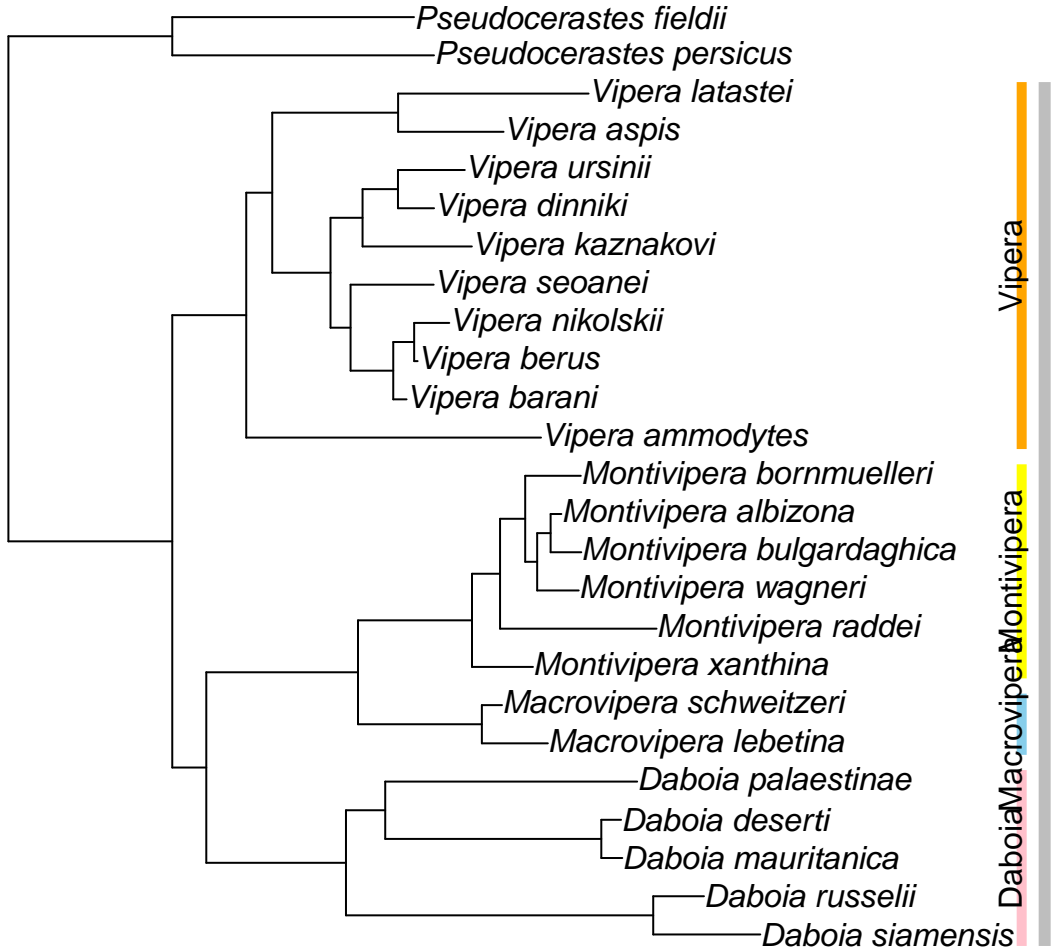
direction = 'rightwards', align = 'cladewise'

direction = 'rightwards', align = 'all'

Pseudocerastes fieldii
Pseudocerastes persicus
Vipera latastei
Vipera aspis
Vipera ursinii
Vipera dinniki
Vipera kaznakovi
Vipera seoanei
Vipera nikolskii
Vipera berus
Vipera barani
Vipera ammodytes
Montivipera bornmuelleri
Montivipera albizona
Montivipera bulgardaghica
Montivipera wagneri
Montivipera raddei
Montivipera xanthina
Macrovipera schweitzeri
Macrovipera lebetina
Daboia palaestinae
Daboia deserti
Daboia mauritanica
Daboia russelii
Daboia siamensis

direction = 'rightwards', align = 'all'
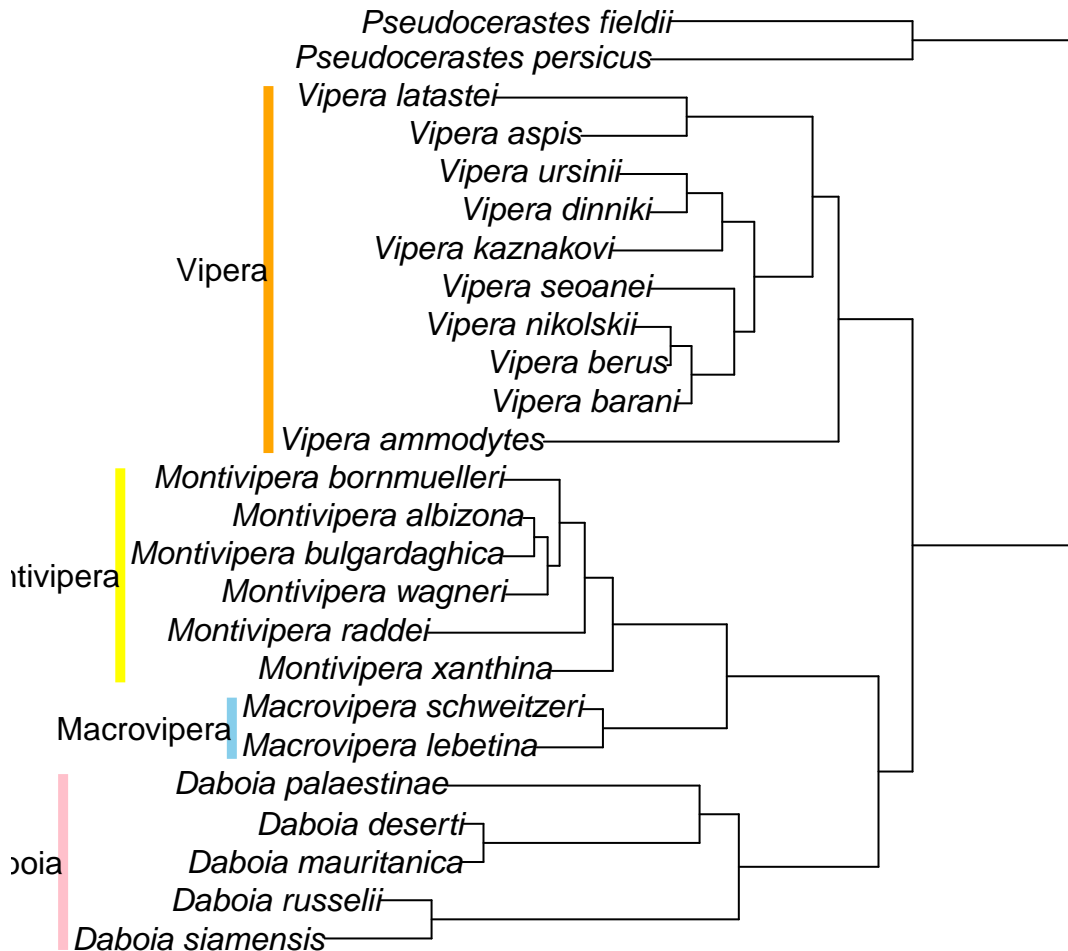
direction = 'leftwards', align = 'cladewise'

Pseudocerastes fieldii
Pseudocerastes persicus
Vipera latastei
Vipera aspis
Vipera ursinii
Vipera dinniki
Vipera kaznakovi
Vipera seoanei
Vipera nikolskii
Vipera berus
Vipera barani
Vipera ammodytes
Montivipera bornmuelleri
Montivipera albizona
Montivipera bulgardaghica
Montivipera wagneri
Montivipera raddei
Montivipera xanthina
Macrovipera schweitzeri
Macrovipera lebetina
Daboia palaestinae
Daboia deserti
Daboia mauritanica
Daboia russelii
Daboia siamensis

Vipera

ntivipera

Macrovipera

boia

direction = 'leftwards', align = 'cladewise'
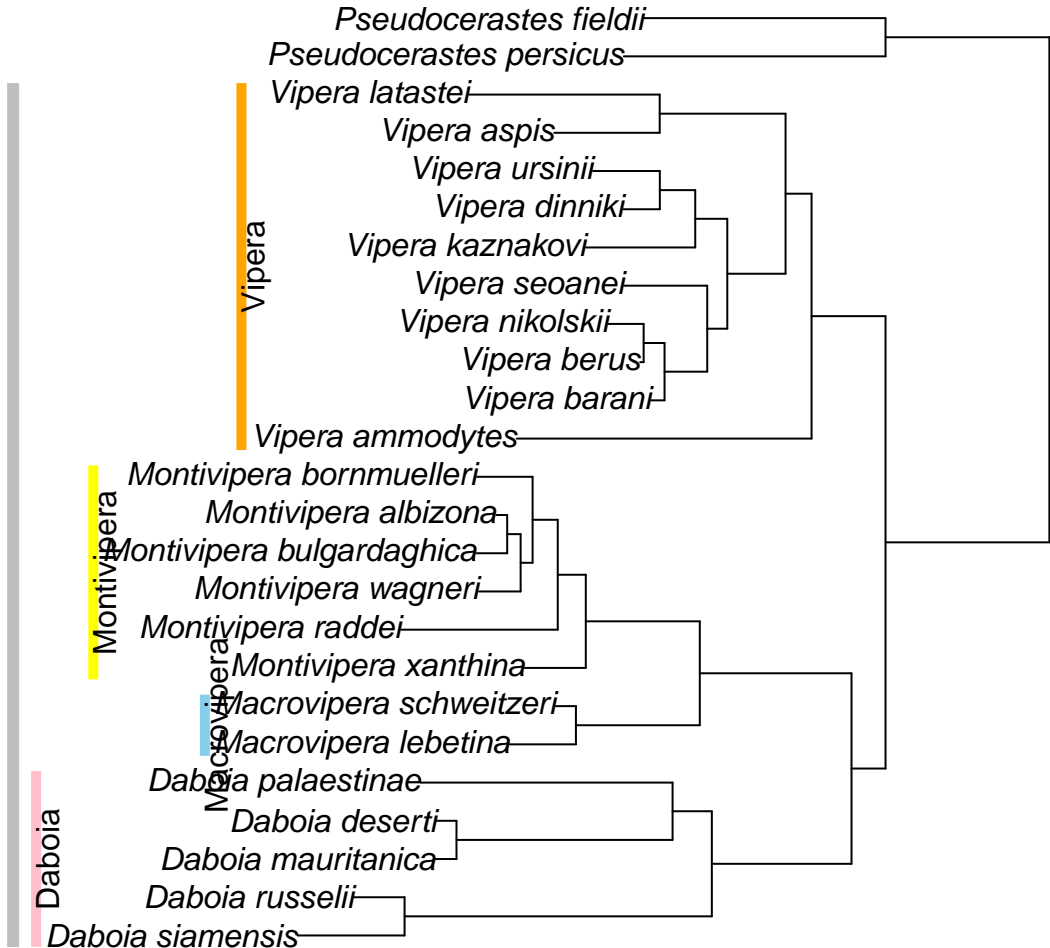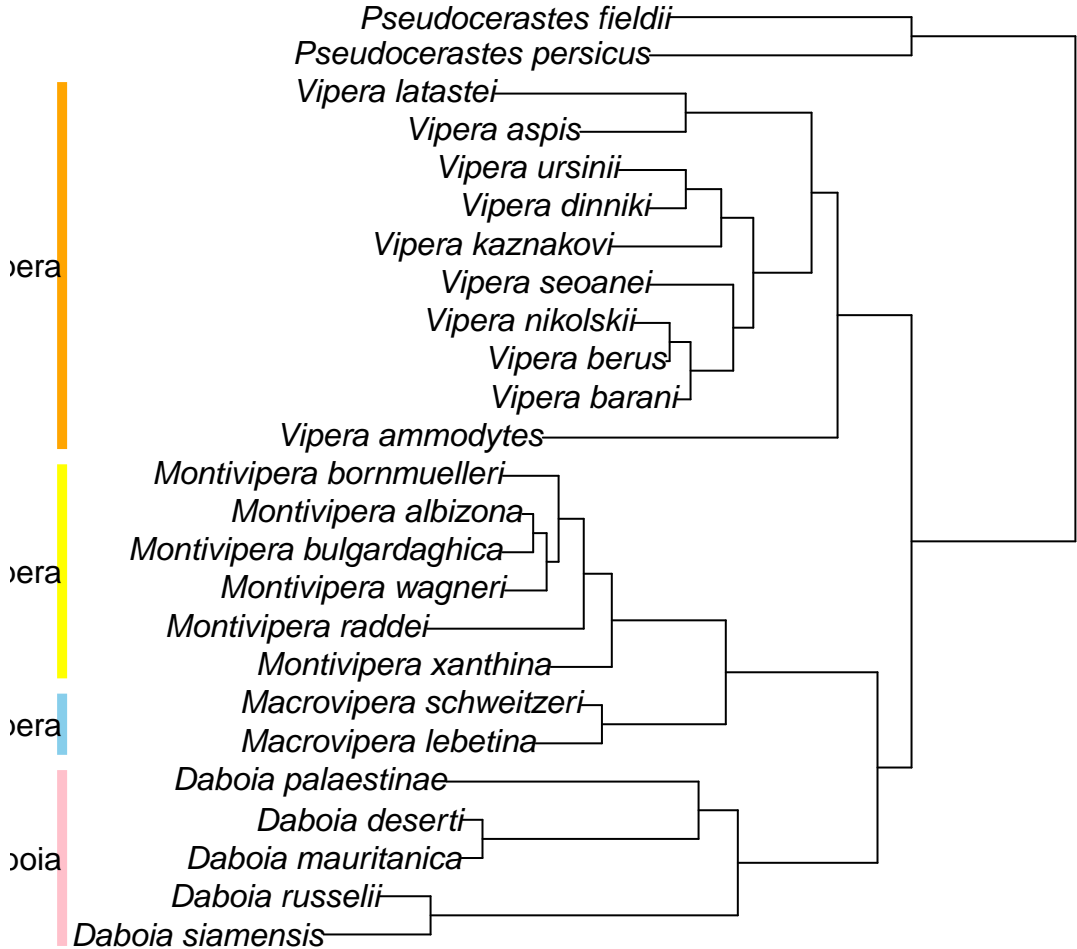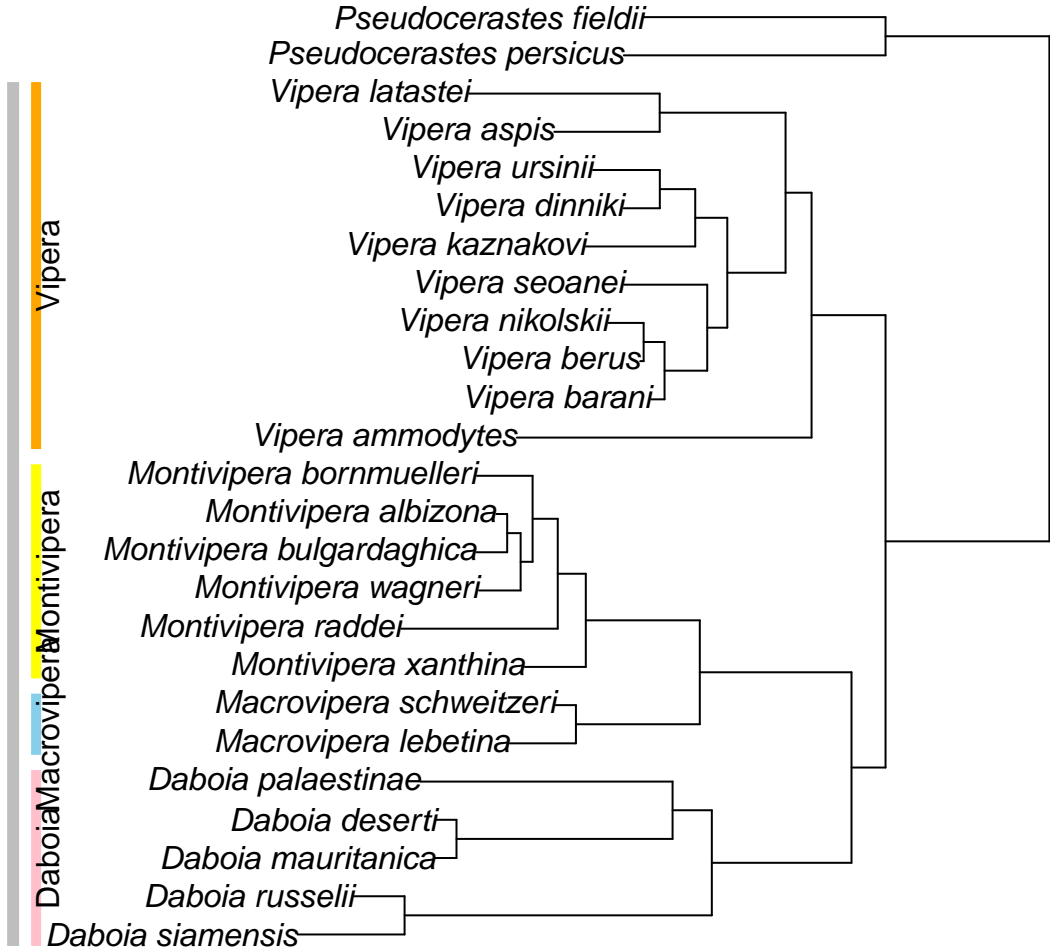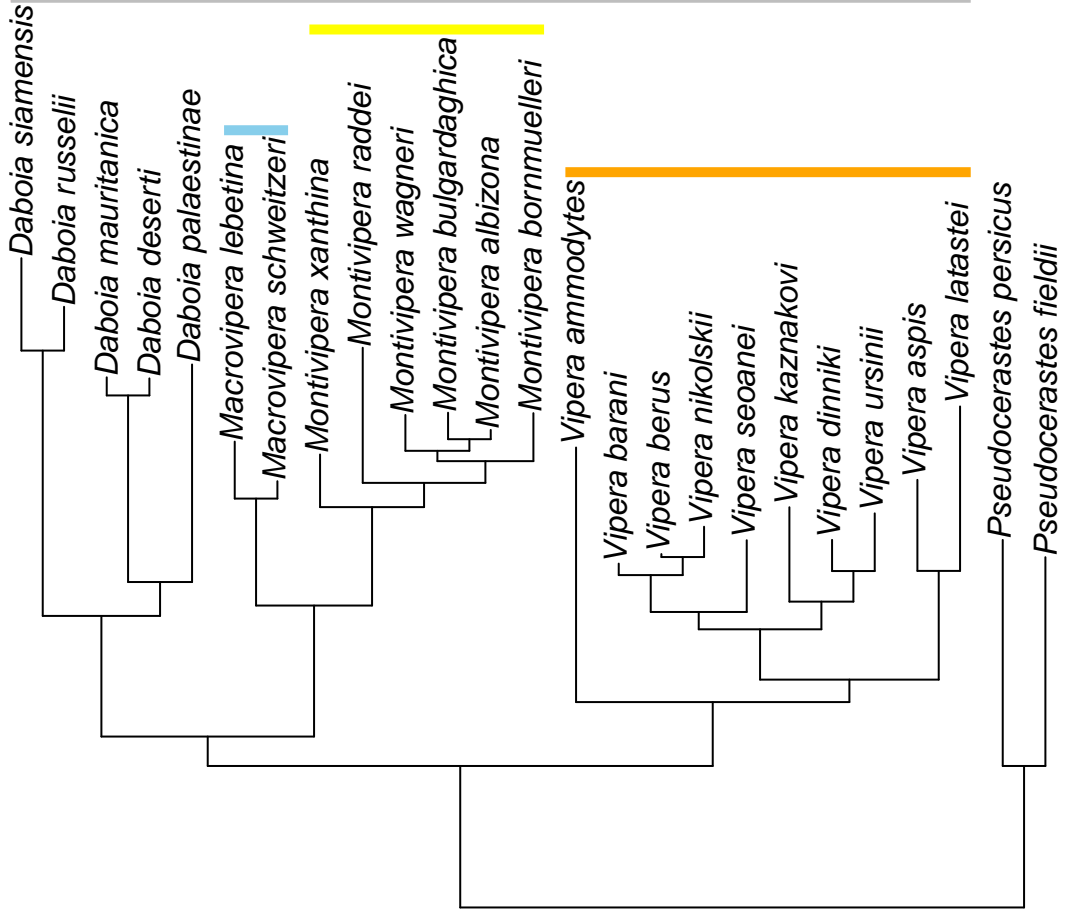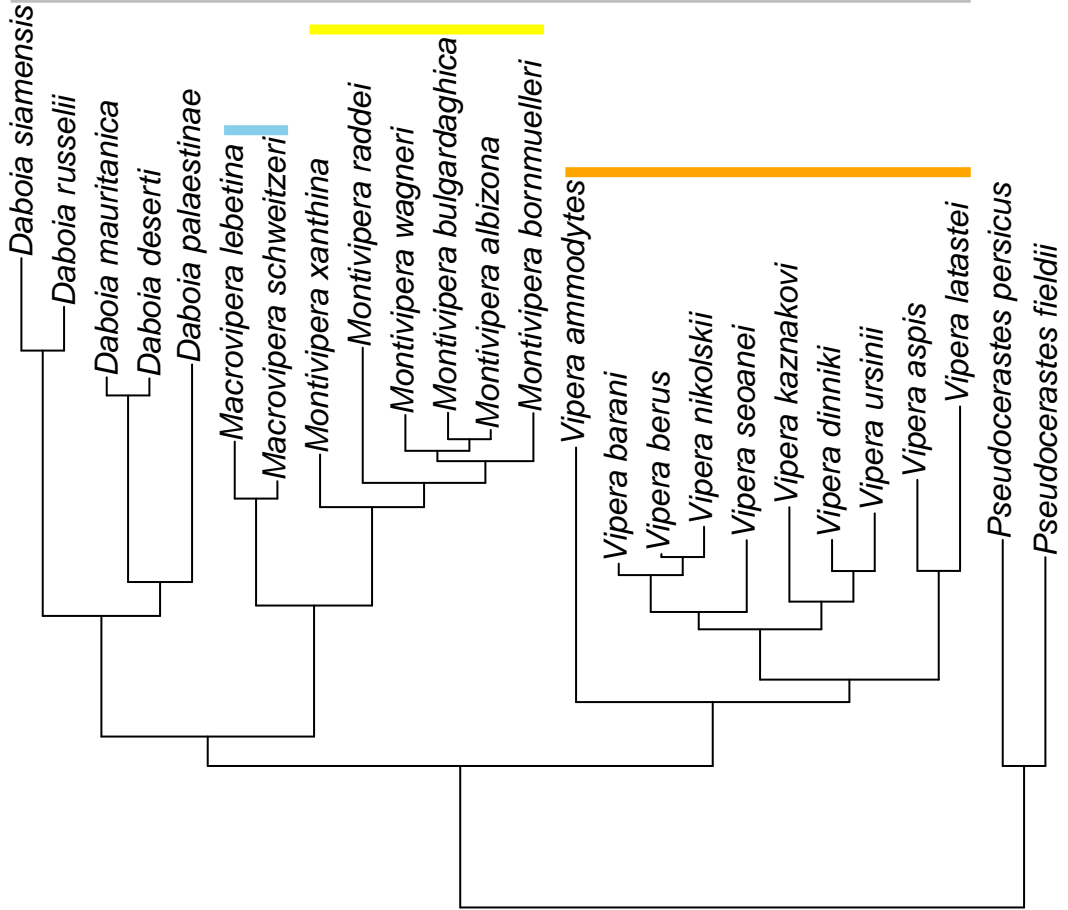
direction = 'leftwards', align = 'all'
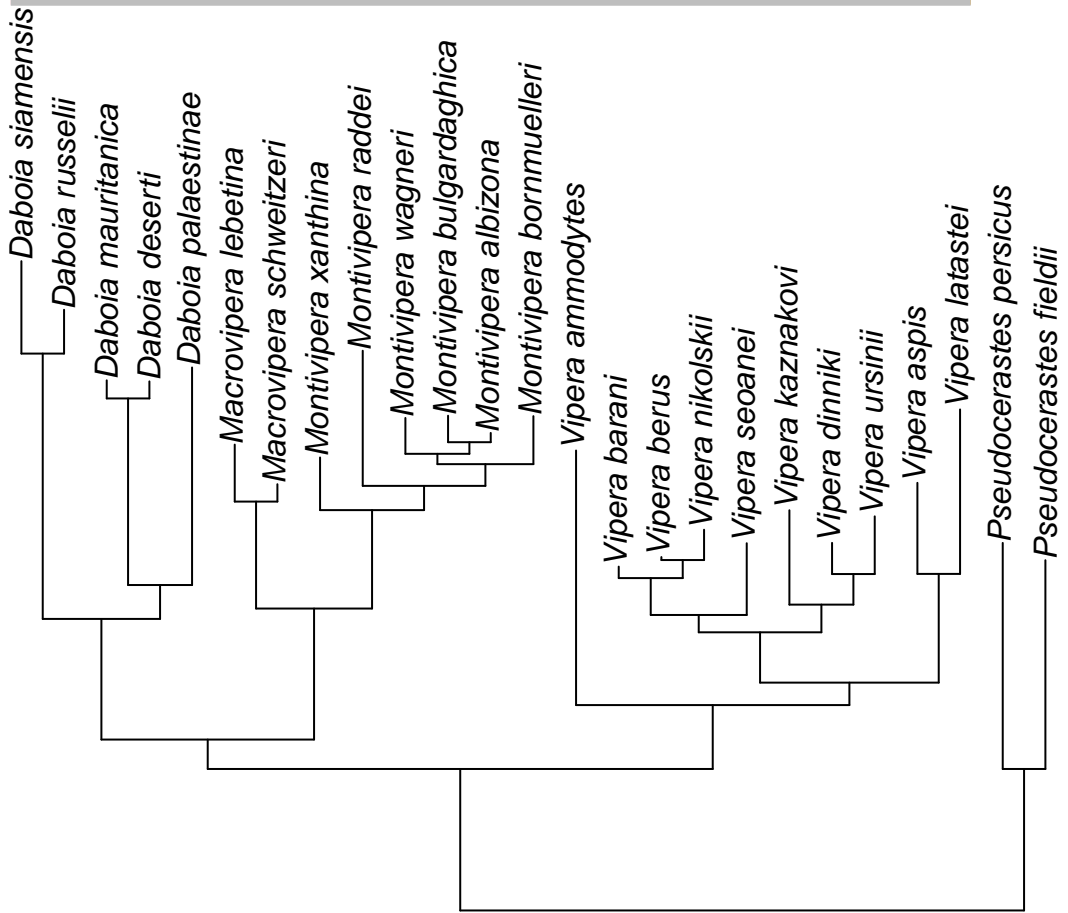
direction = 'leftwards', align = 'all'

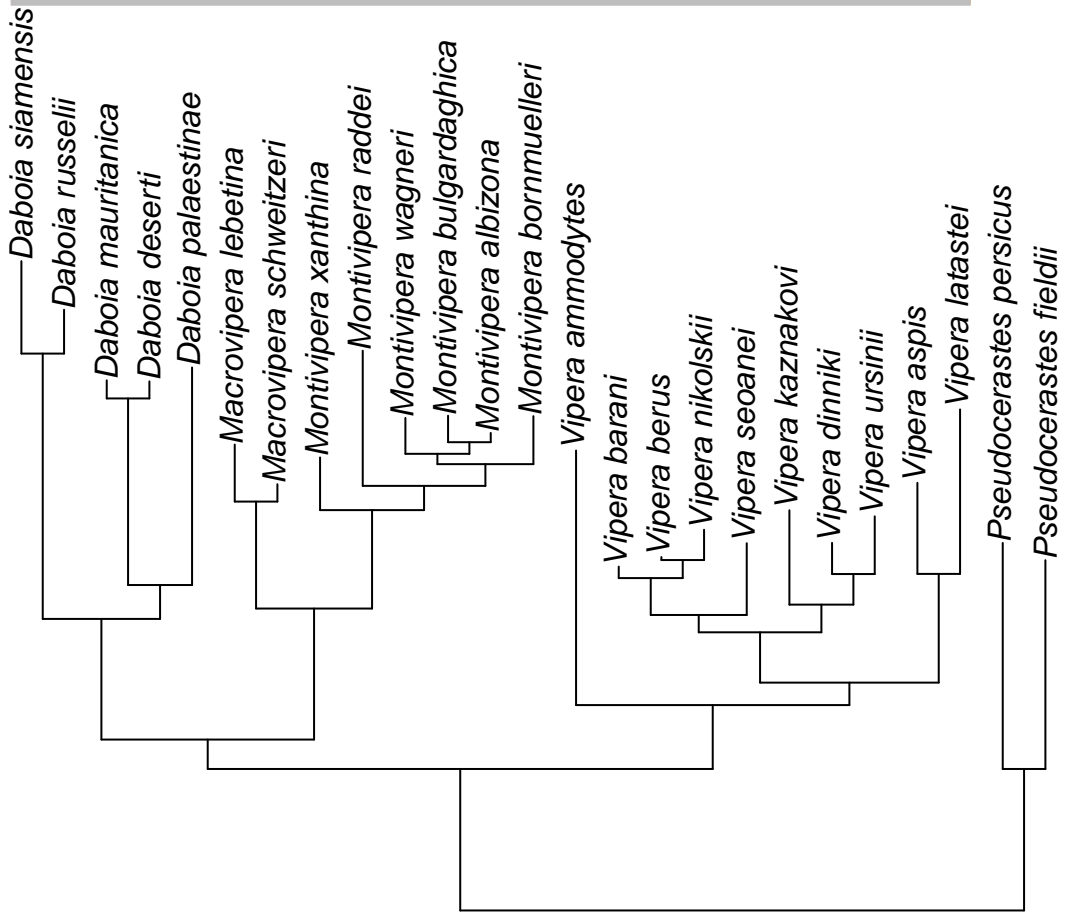**direction = 'upwards', align = 'cladewise'**

direction = 'upwards', align = 'cladewise'

direction = 'upwards', align = 'all'

direction = 'upwards', align = 'all'

Daboia siamensis
Daboia russelii
Daboia mauritanica
Daboia deserti
Daboia palaestinae
Macrovipera lebetina
Macrovipera schweitzeri
Montivipera xanthina
Montivipera raddei
Montivipera wagneri
Montivipera bulgardaghica
Montivipera albizona
Montivipera bornmuelleri
Vipera ammodytes
Vipera barani
Vipera berus
Vipera nikolskii
Vipera seoanei
Vipera kaznakovi
Vipera dinniki
Vipera ursinii
Vipera aspis
Vipera latastei
Pseudocerastes persicus
Pseudocerastes fieldii

direction = 'downwards', align = 'cladewise'

Leaf labels (left to right):
Da...
Daboi...
Daboia ma...
Daboia des...
Daboia pa...
Macrovipera let...
Macrovipera schw...
Montivipera xant...
Montivip...
Montivipera w...
Montivipera b...
Montivipera alk...
Montivipera b...
Montivipera ammody...
Vipera barani
Vipera berus
Vipera nikolskii
Vipera seoanei
Vipera kaznakovi
Vipera dinniki
Vipera ursinii
Vipera aspis
Vipera lataste...
Pseudocerastes persic...
Pseudocerastes fieldii

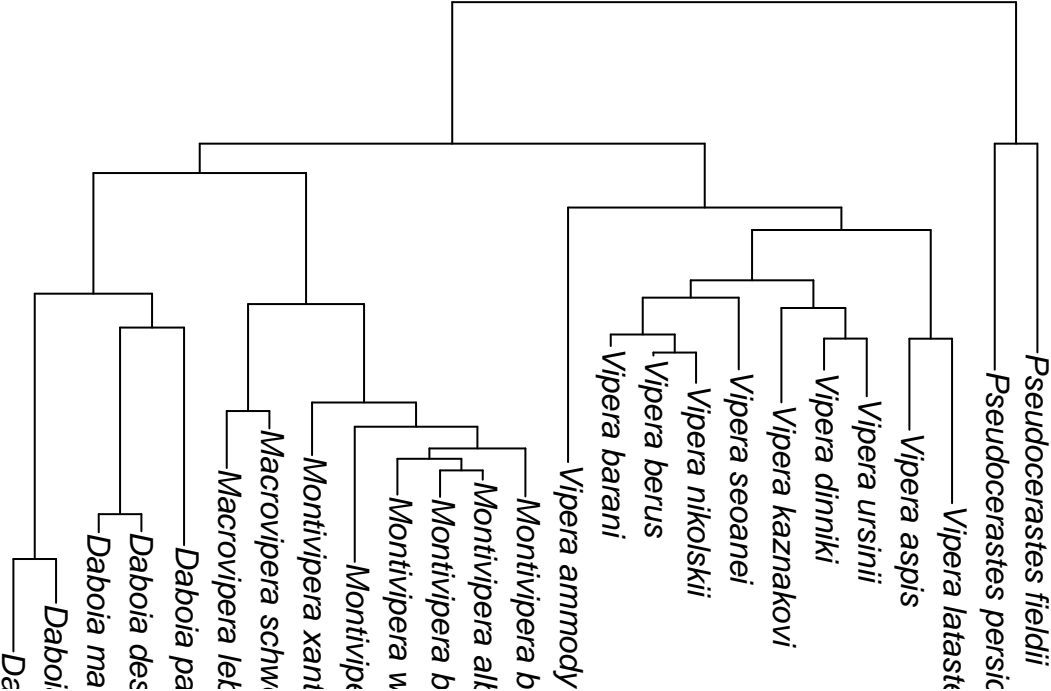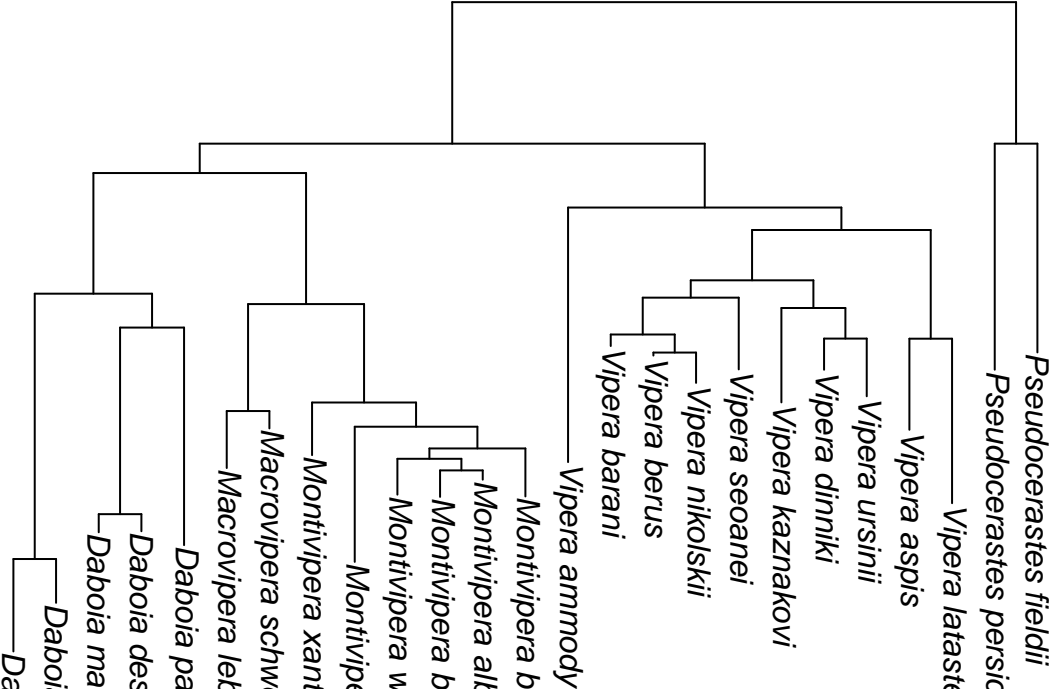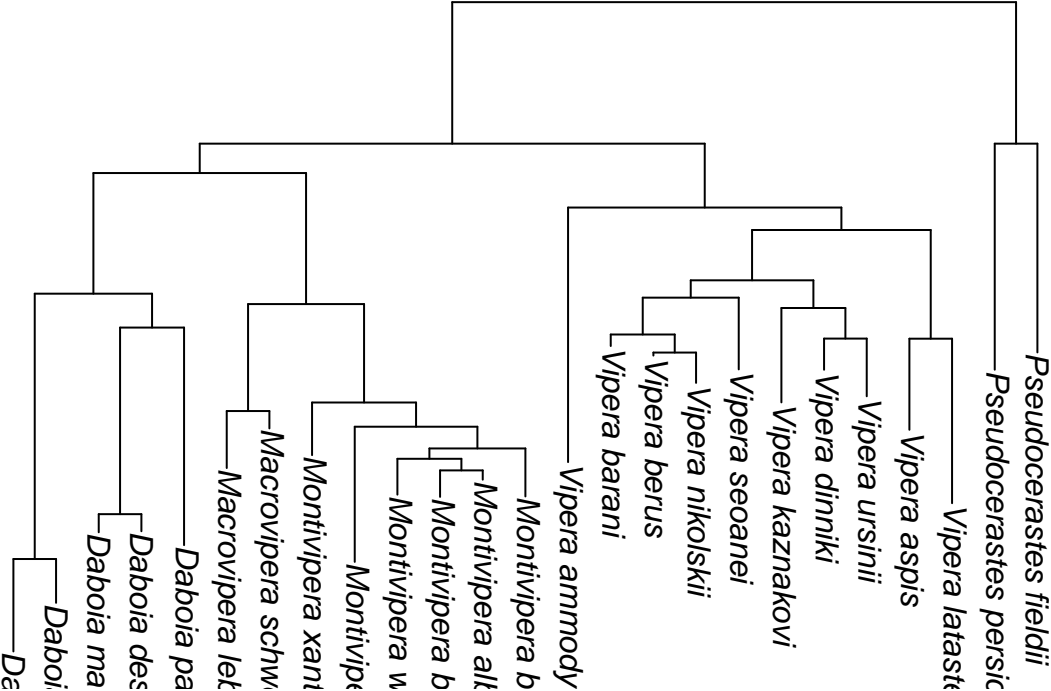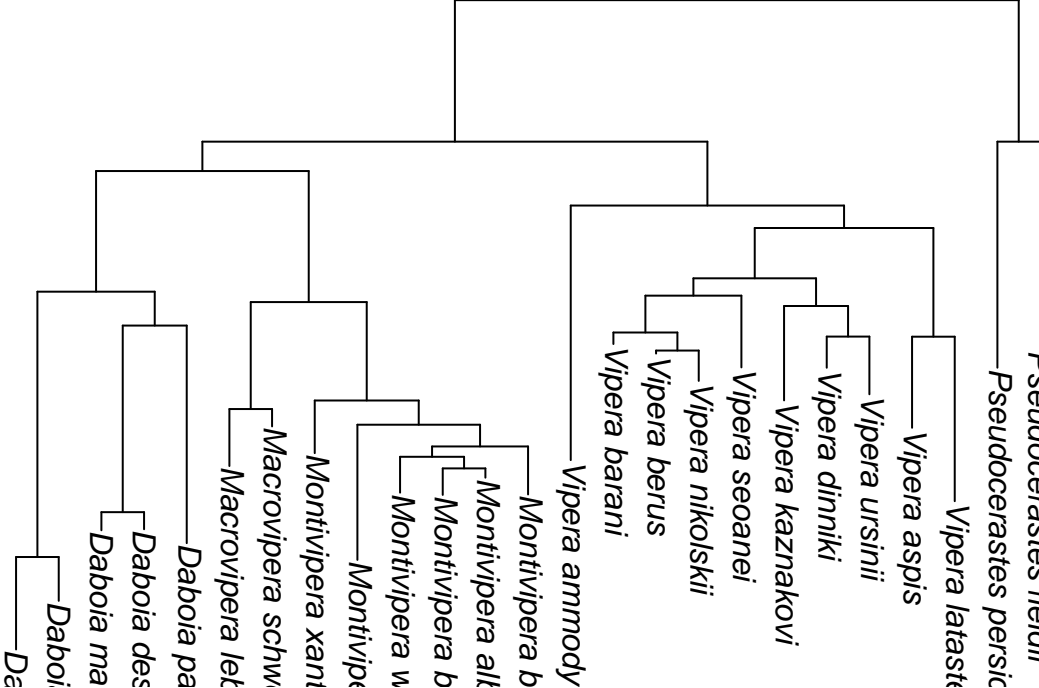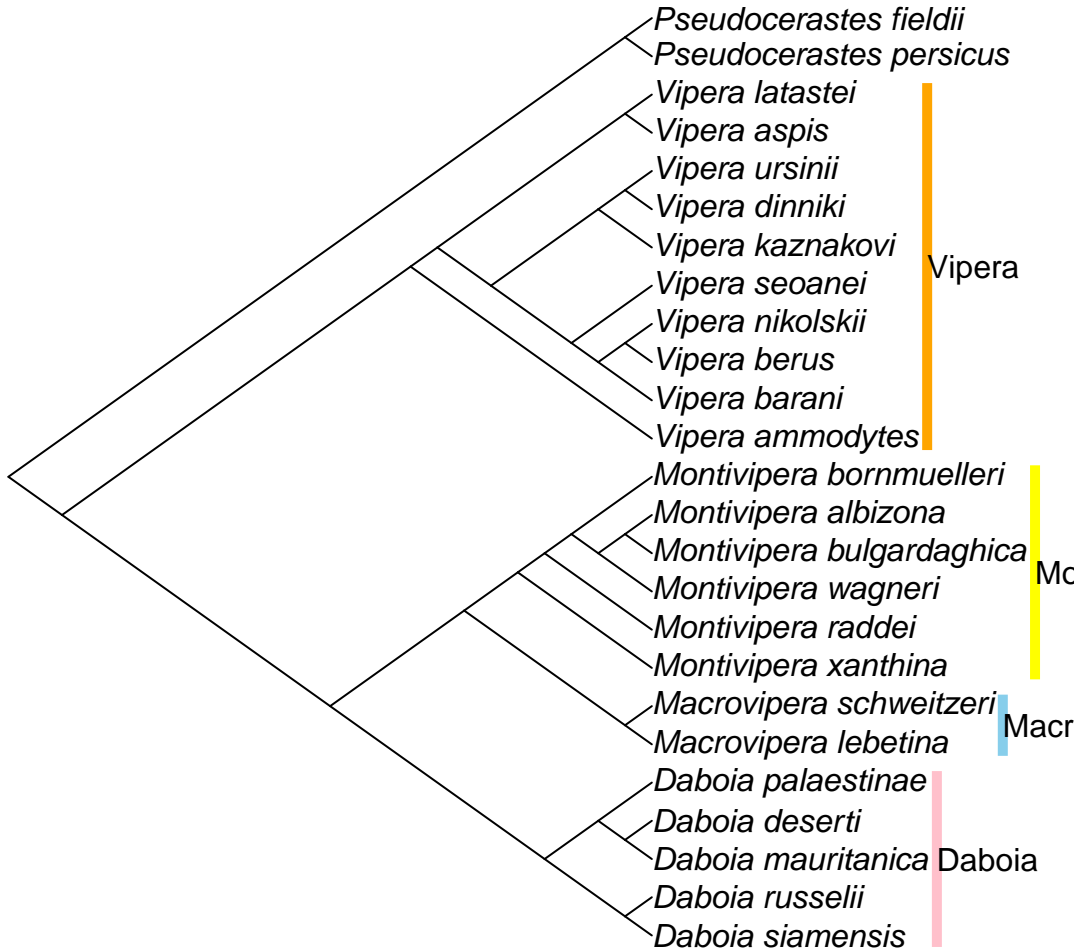**direction = 'downwards', align = 'cladewise'**

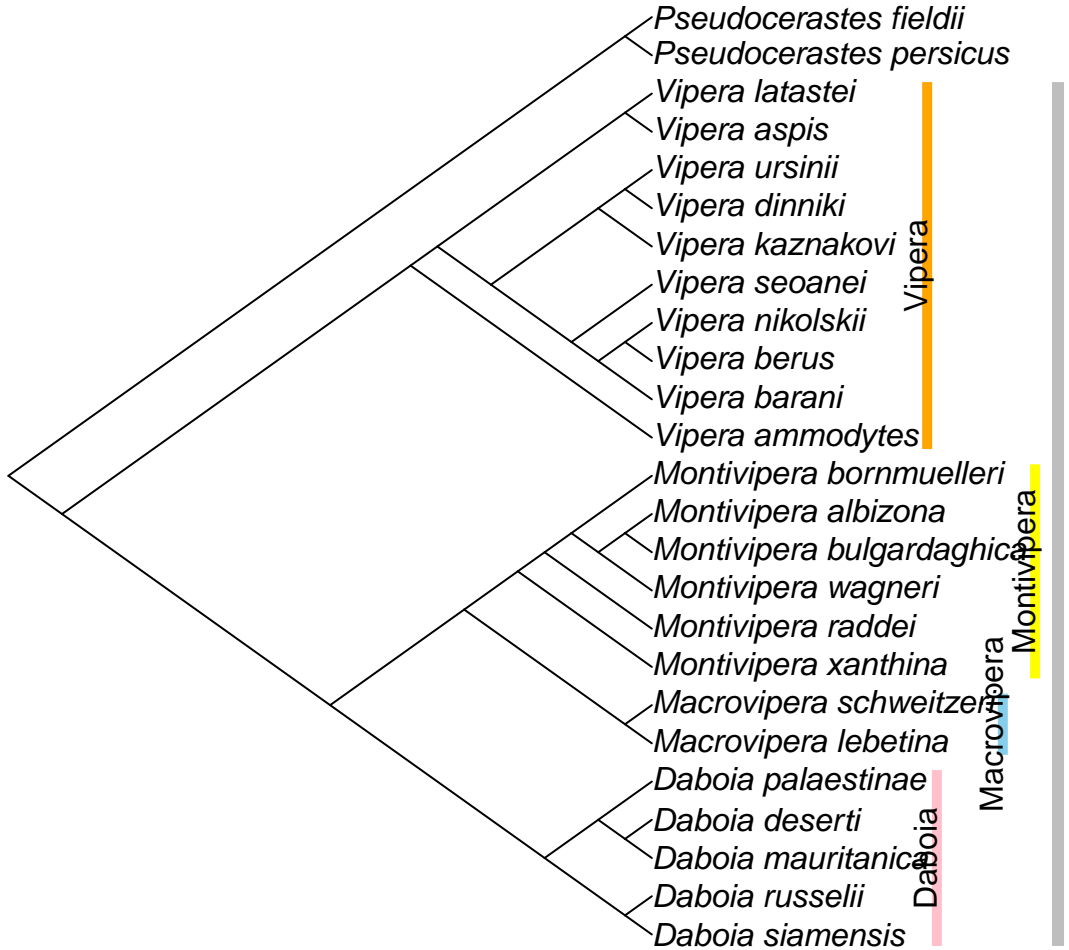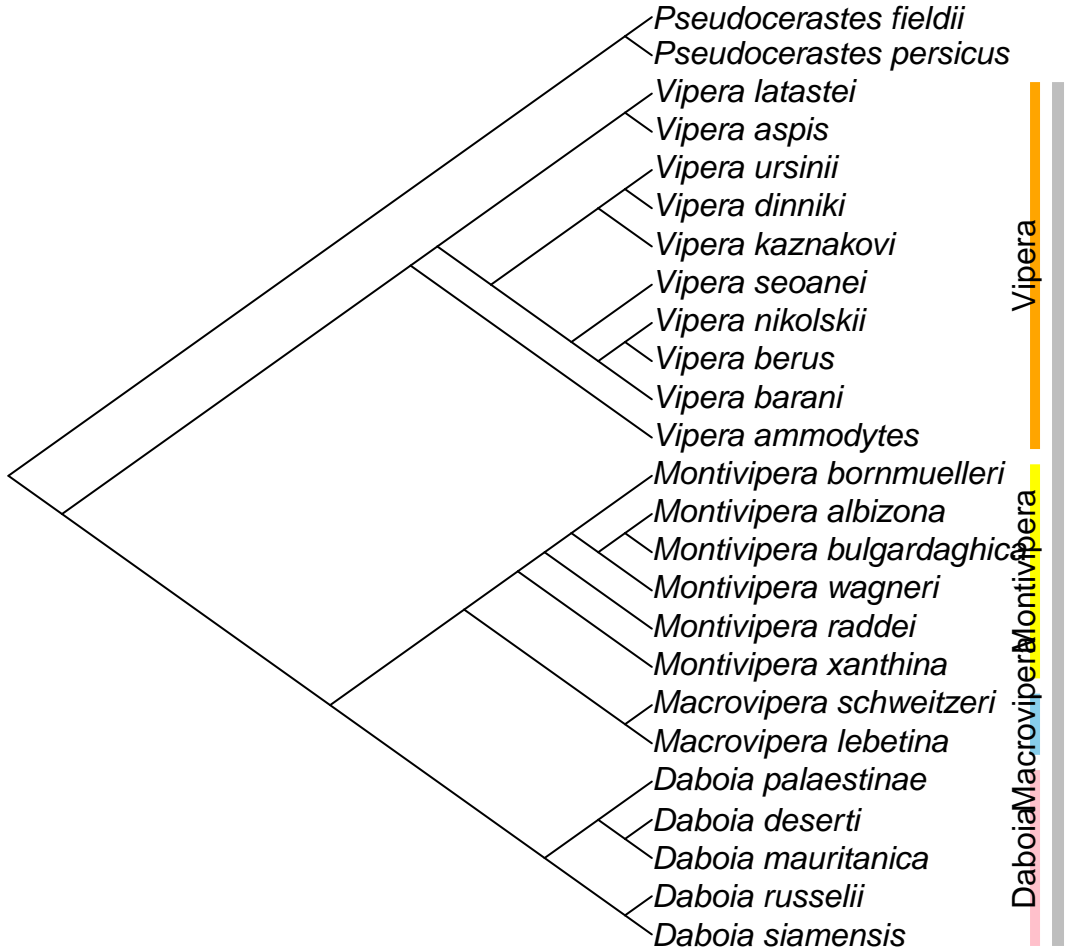# direction = 'downwards', align = 'all'

direction = 'downwards', align = 'all'

direction = 'rightwards', align = 'cladewise'

direction = 'rightwards', align = 'cladewise'

Pseudocerastes fieldii
Pseudocerastes persicus
Vipera latastei
Vipera aspis
Vipera ursinii
Vipera dinniki
Vipera kaznakovi
Vipera seoanei
Vipera nikolskii
Vipera berus
Vipera barani
Vipera ammodytes
Montivipera bornmuelleri
Montivipera albizona
Montivipera bulgardaghica
Montivipera wagneri
Montivipera raddei
Montivipera xanthina
Macrovipera schweitzeri
Macrovipera lebetina
Daboia palaestinae
Daboia deserti
Daboia mauritanica
Daboia russelii
Daboia siamensis

Vipera

Montivipera

Macrovipera

Daboia

direction = 'rightwards', align = 'all'

Pseudocerastes fieldii
Pseudocerastes persicus
Vipera latastei
Vipera aspis
Vipera ursinii
Vipera dinniki
Vipera kaznakovi
Vipera seoanei
Vipera nikolskii
Vipera berus
Vipera barani
Vipera ammodytes
Montivipera bornmuelleri
Montivipera albizona
Montivipera bulgardaghica
Montivipera wagneri
Montivipera raddei
Montivipera xanthina
Macrovipera schweitzeri
Macrovipera lebetina
Daboia palaestinae
Daboia deserti
Daboia mauritanica
Daboia russelii
Daboia siamensis

Vip

Mo

Ma

Da

direction = 'rightwards', align = 'all'

Pseudocerastes fieldii
Pseudocerastes persicus
Vipera latastei
Vipera aspis
Vipera ursinii
Vipera dinniki
Vipera kaznakovi
Vipera seoanei
Vipera nikolskii
Vipera berus
Vipera barani
Vipera ammodytes
Montivipera bornmuelleri
Montivipera albizona
Montivipera bulgardaghica
Montivipera wagneri
Montivipera raddei
Montivipera xanthina
Macrovipera schweitzeri
Macrovipera lebetina
Daboia palaestinae
Daboia deserti
Daboia mauritanica
Daboia russelii
Daboia siamensis

Vipera

Montivipera

Macrovipera

Daboia

direction = 'leftwards', align = 'cladewise'

Pseudocerastes fieldii
Pseudocerastes persicus
Vipera latastei
Vipera aspis
Vipera ursinii
Vipera dinniki
Vipera kaznakovi
Vipera seoanei
Vipera nikolskii
Vipera berus
Vipera barani
Vipera ammodytes
Montivipera bornmuelleri
Montivipera albizona
Montivipera bulgardaghica
Montivipera wagneri
Montivipera raddei
Montivipera xanthina
Macrovipera schweitzeri
Macrovipera lebetina
Daboia palaestinae
Daboia deserti
Daboia mauritanica
Daboia russelii
Daboia siamensis

Vipera

era

ipera

Daboia

direction = 'leftwards', align = 'cladewise'

direction = 'leftwards', align = 'all'

direction = 'leftwards', align = 'all'

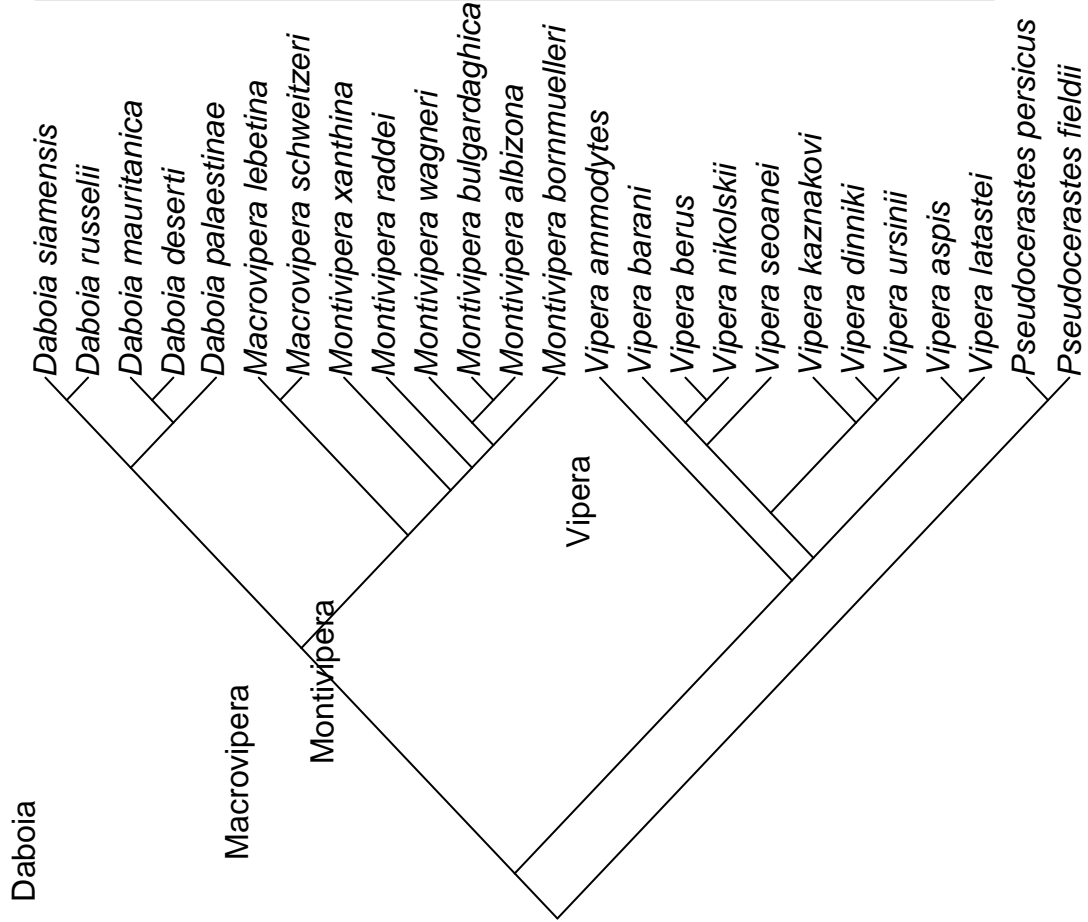**direction = 'upwards', align = 'cladewise'**

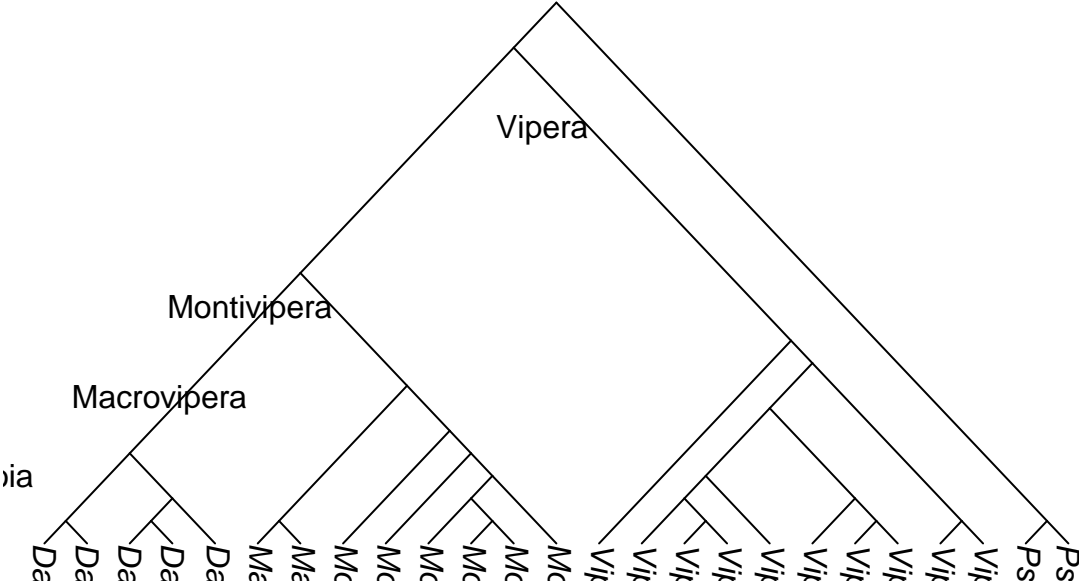# direction = 'upwards', align = 'cladewise'

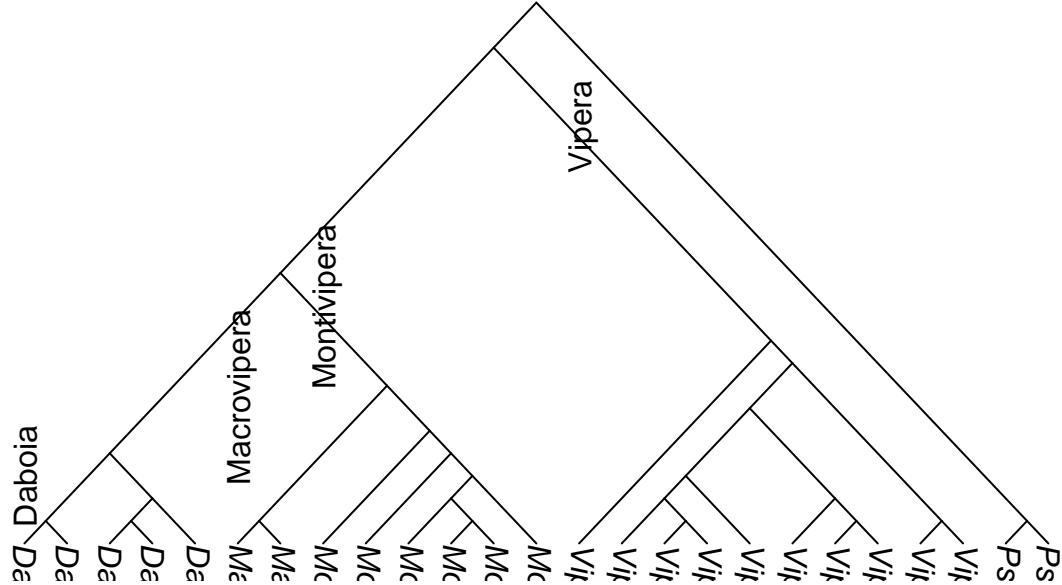# direction = 'upwards', align = 'all'

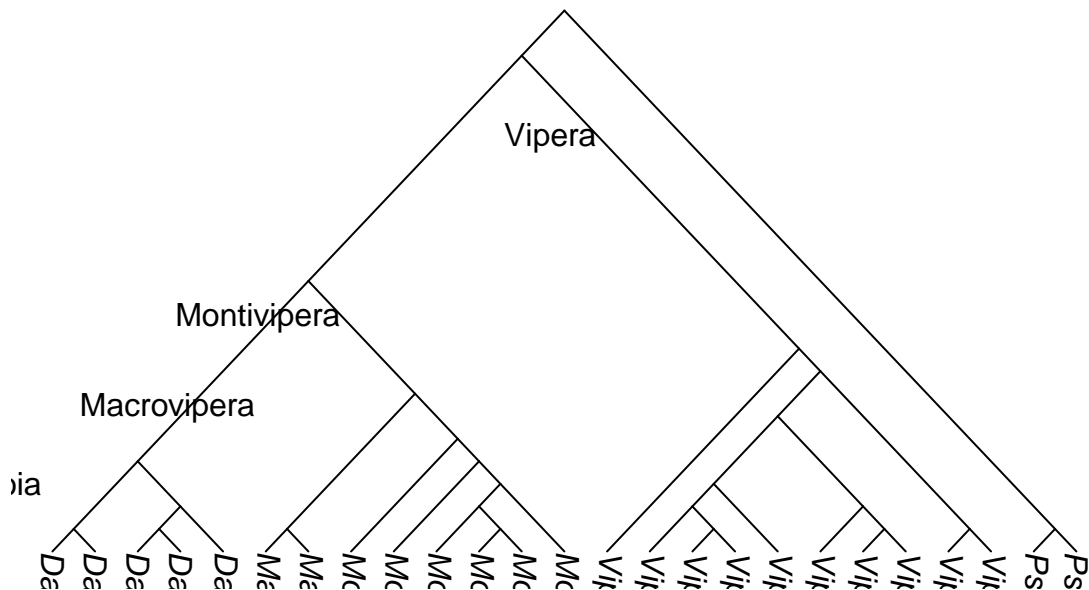direction = 'upwards', align = 'all'

direction = 'downwards', align = 'cladewise'

direction = 'downwards', align = 'cladewise'

direction = 'downwards', align = 'all'

direction = 'downwards', align = 'all'