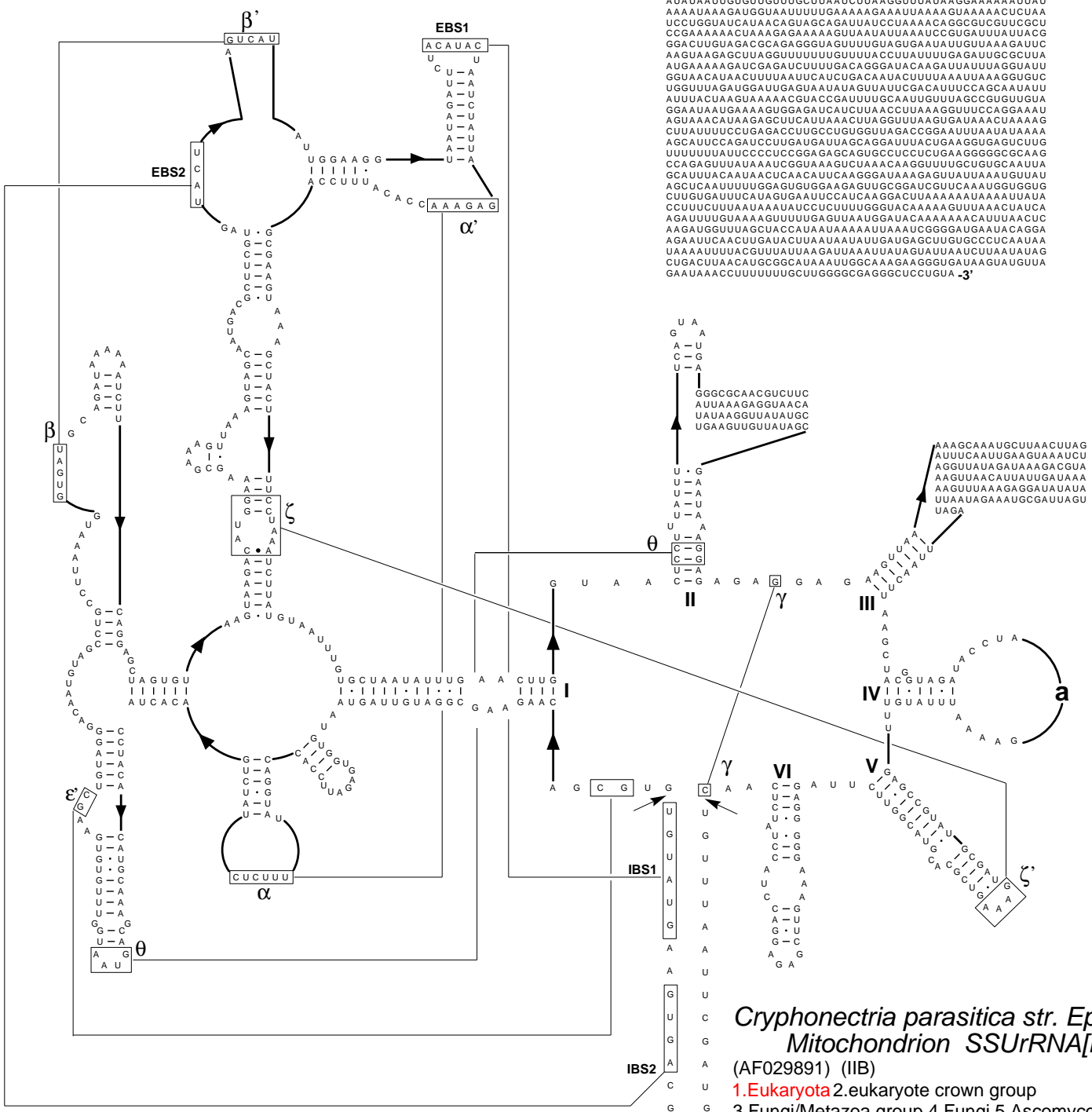


## Secondary Structure: Group II intron

**a** 5'- GGACGAGUUCUAAUAGAGACAAUAAGCUACGAAAGAUACCUGGACGUGAU  
 ACUACCUUAAUUUAGGUUUUCUCUAAGUUUUUUUAAUUUAGGUUAGGU  
 AUAUAUUUGUGUUUUUCUUAUCUUAAGUUUUUAAAGGAAAAAUUAU  
 AAAAUAAGAGUGUAUUUUUGAAAAAGAAUUAAAAGUAAAACUCUAA  
 UCCUGUUAUCUAAACAGUAGCAUUAUCCUAAAACAGCGCUGUCUCUCC  
 CCGAAAAACUAAAGAGAAAAAGUUAAUUAAAUCUGUAUUUUAUACG  
 GGAUUUAAGCAGCAGAGGGUAGUUUUUGAUGAAUUUUUUAAAAGUUC  
 AAGUAAAGCUUAGGUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  
 AUGAAAAAGAUCCGUAUUUUUGACAGGGUAACAAGAAUUUUUAGGUUUU  
 GGUAACAUAACUUUUAAUUCUGACAUAUCUUUUAAUUAAAAGGGUUCU  
 UGUUUUAAGUGAUUGAUAUAUUAUGUAUUCGACAUUUCACAGCAUUUU  
 AUUUUAUAAGUAAAACGUAUCCGUAUUUUUUAUUUUUAGCCUGUUUGUA  
 GGAAUAAGUAAAAGUGGAGAUCAUCUUAAACCUAAAAGGUUUCCAGGAUU  
 AGUAAAACUAAAGAGCUUAUUAAACUUAGUUUUUAGUAAUAACUAAAAG  
 CUUUUUUCCUGAGACCUUGCCUGGUGUAGACCGGAAUUUUAAUAAA  
 AGCAUCCAGAUCCUUGAUGAUAAGCAGGAUUUAUCUGAAGGUGAGUCUUG  
 UUUUUUUUUUCCUCCCGGAGAGCAGUGCCUCCUGAAGGGGGCGCAAG  
 CCAAGUUUUUAUAUCGGUAAAGUCUAAACAAGUUUUUGCUGUCCAAUUU  
 GCUUUUAACAUAACUACAUAUCAAAGGUAUAAGAAAGUUAUUAAUUGUUU  
 AGCUAAUUUUUGGAGUGGGAAGAUUGCCGUAUCGUUCAAUUGGUGUG  
 CUUGUAUUUCAUAGUAAUCCAUACAAGGACUUAAAUAUUAAAUAUUUA  
 CCUU  
 AGAUUU  
 AAGUUGUUUAGCUACCAUAUAUUAAAUAUUUUUUUUUUUUUUUUUUUUUU  
 AGAAUUUUAACUUUAACUUUAUAUUUAUUGAUGGCUUUGCCUCAAUAU  
 UAAAUUUUUACGUUAUAAGUAUAUAUAUAUAUAUAUAUAUAUAUAUAUA  
 CUGACUUAAACUUGCGCAUAUAUUGGCAAAAGAAAGGUGUAUAUAUAUA  
 GAAUAAACUU  
 -3'



*Cryphonectria parasitica* str. Ep 155:  
 Mitochondrion SSUrRNA[i3,952]  
 (AF029891) (IIB)  
 1.Eukaryota 2.eukaryote crown group  
 3.Fungi/Metazoa group 4.Fungi 5.Ascomycota  
 6.Pyrenomycetes 7.Diaporthales 8.Valsaceae  
 9.Cryphonectria 10.Cryphonectria parasitica  
 October, 2000