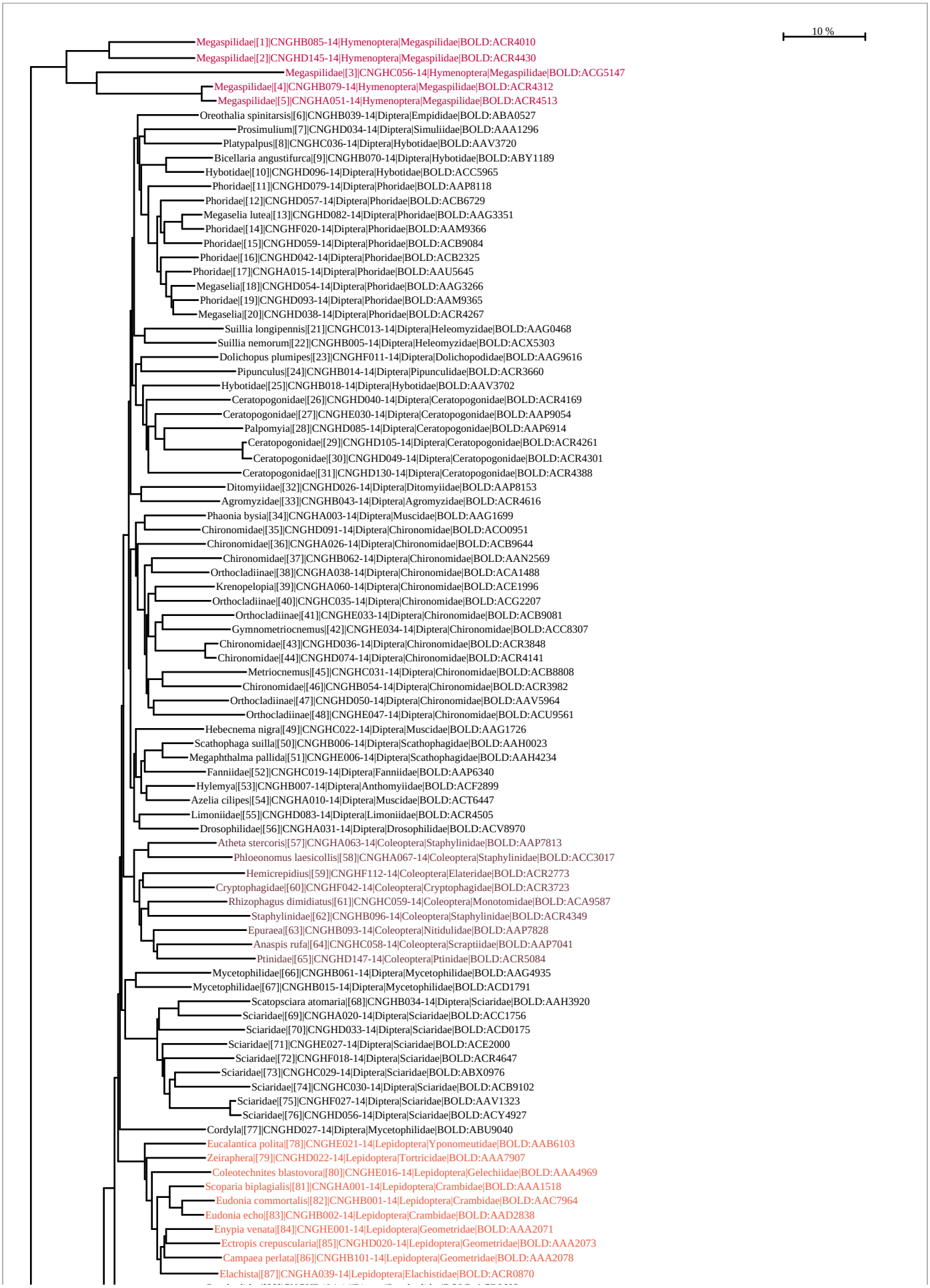
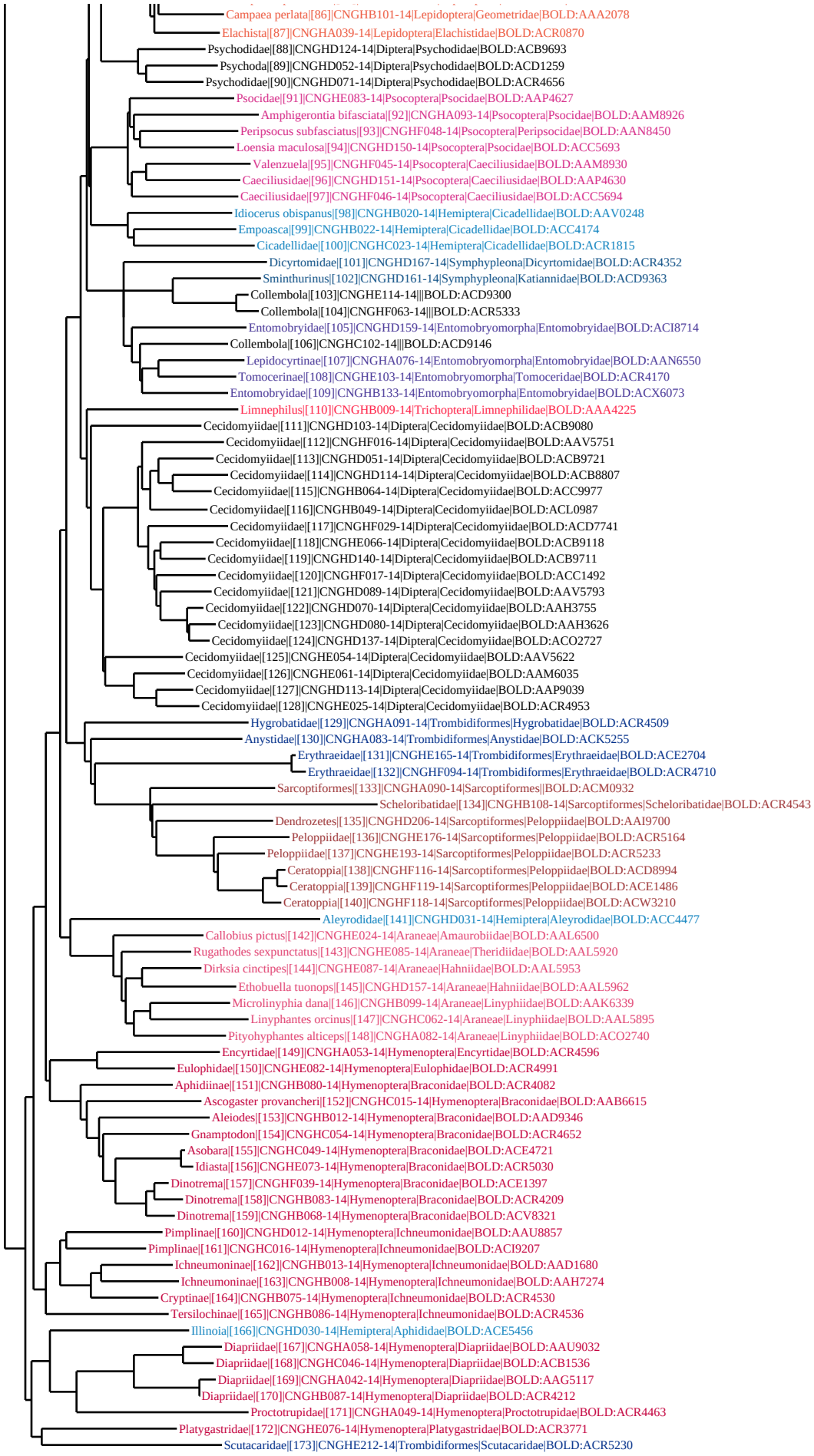
Appendix 1. BOLD neighbour-joining tree file (K2P) of representative COI sequences for 173 BINs collected in Gwaii Haanas National Park




Campaea perlata|[86]|CNGHB101-14|Lepidoptera|Geometridae|BOLD:AAA2078
Elachista|[87]|CNGHA039-14|Lepidoptera|Elachistidae|BOLD:ACR0870
Psychodidae|[88]|CNGHD124-14|Diptera|Psychodidae|BOLD:ACB9693
Psychoda|[89]|CNGHD052-14|Diptera|Psychodidae|BOLD:ACD1259
Psychodidae|[90]|CNGHD071-14|Diptera|Psychodidae|BOLD:ACR4656
Psocidae|[91]|CNGHE083-14|Psocoptera|Psocidae|BOLD:AAP4627
Amphigerontia bifasciata|[92]|CNGHA093-14|Psocoptera|Psocidae|BOLD:AAM8926
Peripsocus subfasciatus|[93]|CNGHF048-14|Psocoptera|Peripsocidae|BOLD:AAN8450
Loensia maculosa|[94]|CNGHD150-14|Psocoptera|Psocidae|BOLD:ACC5693
Valenzuela|[95]|CNGHF045-14|Psocoptera|Caeciliusidae|BOLD:AAM8930
Caeciliusidae|[96]|CNGHD151-14|Psocoptera|Caeciliusidae|BOLD:AAP4630
Caeciliusidae|[97]|CNGHF046-14|Psocoptera|Caeciliusidae|BOLD:ACC5694
Idiocerus obispanus|[98]|CNGHB020-14|Hemiptera|Cicadellidae|BOLD:AAV0248
Empoasca|[99]|CNGHB022-14|Hemiptera|Cicadellidae|BOLD:ACC4174
Cicadellidae|[100]|CNGHC023-14|Hemiptera|Cicadellidae|BOLD:ACR1815
Dicyrtomidae|[101]|CNGHD167-14|Symphypleona|Dicyrtomidae|BOLD:ACR4352
Sminthurinus|[102]|CNGHD161-14|Symphypleona|Katiannidae|BOLD:ACD9363
Collembola|[103]|CNGHE114-14|||BOLD:ACD9300
Collembola|[104]|CNGHF063-14|||BOLD:ACR5333
Entomobryidae|[105]|CNGHD159-14|Entomobryomorpha|Entomobryidae|BOLD:ACI8714
Collembola|[106]|CNGHC102-14|||BOLD:ACD9146
Lepidocyrtinae|[107]|CNGHA076-14|Entomobryomorpha|Entomobryidae|BOLD:AAN6550
Tomocerinae|[108]|CNGHE103-14|Entomobryomorpha|Tomoceridae|BOLD:ACR4170
Entomobryidae|[109]|CNGHB133-14|Entomobryomorpha|Entomobryidae|BOLD:ACX6073
Limnephilus|[110]|CNGHB009-14|Trichoptera|Limnephilidae|BOLD:AAA4225
Cecidomyiidae|[111]|CNGHD103-14|Diptera|Cecidomyiidae|BOLD:ACB9080
Cecidomyiidae|[112]|CNGHF016-14|Diptera|Cecidomyiidae|BOLD:AAV5751
Cecidomyiidae|[113]|CNGHD051-14|Diptera|Cecidomyiidae|BOLD:ACB9721
Cecidomyiidae|[114]|CNGHD114-14|Diptera|Cecidomyiidae|BOLD:ACB8807
Cecidomyiidae|[115]|CNGHB064-14|Diptera|Cecidomyiidae|BOLD:ACC9977
Cecidomyiidae|[116]|CNGHB049-14|Diptera|Cecidomyiidae|BOLD:ACL0987
Cecidomyiidae|[117]|CNGHF029-14|Diptera|Cecidomyiidae|BOLD:ACD7741
Cecidomyiidae|[118]|CNGHE066-14|Diptera|Cecidomyiidae|BOLD:ACB9118
Cecidomyiidae|[119]|CNGHD140-14|Diptera|Cecidomyiidae|BOLD:ACB9711
Cecidomyiidae|[120]|CNGHF017-14|Diptera|Cecidomyiidae|BOLD:ACC1492
Cecidomyiidae|[121]|CNGHD089-14|Diptera|Cecidomyiidae|BOLD:AAV5793
Cecidomyiidae|[122]|CNGHD070-14|Diptera|Cecidomyiidae|BOLD:AAH3755
Cecidomyiidae|[123]|CNGHD080-14|Diptera|Cecidomyiidae|BOLD:AAH3626
Cecidomyiidae|[124]|CNGHD137-14|Diptera|Cecidomyiidae|BOLD:ACO2727
Cecidomyiidae|[125]|CNGHE054-14|Diptera|Cecidomyiidae|BOLD:AAV5622
Cecidomyiidae|[126]|CNGHE061-14|Diptera|Cecidomyiidae|BOLD:AAM6035
Cecidomyiidae|[127]|CNGHD113-14|Diptera|Cecidomyiidae|BOLD:AAP9039
Cecidomyiidae|[128]|CNGHE025-14|Diptera|Cecidomyiidae|BOLD:ACR4953
Hygrobatidae|[129]|CNGHA091-14|Trombidiformes|Hygrobatidae|BOLD:ACR4509
Anystidae|[130]|CNGHA083-14|Trombidiformes|Anystidae|BOLD:ACK5255
Erythraeidae|[131]|CNGHE165-14|Trombidiformes|Erythraeidae|BOLD:ACE2704
Erythraeidae|[132]|CNGHF094-14|Trombidiformes|Erythraeidae|BOLD:ACR4710
Sarcoptiformes|[133]|CNGHA090-14|Sarcoptiformes||BOLD:ACM0932
Scheloribatidae|[134]|CNGHB108-14|Sarcoptiformes|Scheloribatidae|BOLD:ACR4543
Dendrozetes|[135]|CNGHD206-14|Sarcoptiformes|Peloppiidae|BOLD:AAI9700
Peloppiidae|[136]|CNGHE176-14|Sarcoptiformes|Peloppiidae|BOLD:ACR5164
Peloppiidae|[137]|CNGHE193-14|Sarcoptiformes|Peloppiidae|BOLD:ACR5233
Ceratoppia|[138]|CNGHF116-14|Sarcoptiformes|Peloppiidae|BOLD:ACD8994
Ceratoppia|[139]|CNGHF119-14|Sarcoptiformes|Peloppiidae|BOLD:ACE1486
Ceratoppia|[140]|CNGHF118-14|Sarcoptiformes|Peloppiidae|BOLD:ACW3210
Aleyrodidae|[141]|CNGHD031-14|Hemiptera|Aleyrodidae|BOLD:ACC4477
Callobius pictus|[142]|CNGHE024-14|Araneae|Amaurobiidae|BOLD:AAL6500
Rugathodes sexpunctatus|[143]|CNGHE085-14|Araneae|Theridiidae|BOLD:AAL5920
Dirksia cinctipes|[144]|CNGHE087-14|Araneae|Hahniidae|BOLD:AAL5953
Ethobuella tuonops|[145]|CNGHD157-14|Araneae|Hahniidae|BOLD:AAL5962
Microlinyphia dana|[146]|CNGHB099-14|Araneae|Linyphiidae|BOLD:AAK6339
Linyphantes orcinus|[147]|CNGHC062-14|Araneae|Linyphiidae|BOLD:AAL5895
Pityohyphantes alticeps|[148]|CNGHA082-14|Araneae|Linyphiidae|BOLD:ACO2740
Encyrtidae|[149]|CNGHA053-14|Hymenoptera|Encyrtidae|BOLD:ACR4596
Eulophidae|[150]|CNGHE082-14|Hymenoptera|Eulophidae|BOLD:ACR4991
Aphidiinae|[151]|CNGHB080-14|Hymenoptera|Braconidae|BOLD:ACR4082
Ascogaster provancheri|[152]|CNGHC015-14|Hymenoptera|Braconidae|BOLD:AAB6615
Aleiodes|[153]|CNGHB012-14|Hymenoptera|Braconidae|BOLD:AAD9346
Gnamptodon|[154]|CNGHC054-14|Hymenoptera|Braconidae|BOLD:ACR4652
Asobara|[155]|CNGHC049-14|Hymenoptera|Braconidae|BOLD:ACE4721
Idiasta|[156]|CNGHE073-14|Hymenoptera|Braconidae|BOLD:ACR5030
Dinotrema|[157]|CNGHF039-14|Hymenoptera|Braconidae|BOLD:ACE1397
Dinotrema|[158]|CNGHB083-14|Hymenoptera|Braconidae|BOLD:ACR4209
Dinotrema|[159]|CNGHB068-14|Hymenoptera|Braconidae|BOLD:ACV8321
Pimplinae|[160]|CNGHD012-14|Hymenoptera|Ichneumonidae|BOLD:AAU8857
Pimplinae|[161]|CNGHC016-14|Hymenoptera|Ichneumonidae|BOLD:ACI9207
Ichneumoninae|[162]|CNGHB013-14|Hymenoptera|Ichneumonidae|BOLD:AAD1680
Ichneumoninae|[163]|CNGHB008-14|Hymenoptera|Ichneumonidae|BOLD:AAH7274
Cryptinae|[164]|CNGHB075-14|Hymenoptera|Ichneumonidae|BOLD:ACR4530
Tersilochinae|[165]|CNGHB086-14|Hymenoptera|Ichneumonidae|BOLD:ACR4536
Illinoia|[166]|CNGHD030-14|Hemiptera|Aphididae|BOLD:ACE5456
Diapriidae|[167]|CNGHA058-14|Hymenoptera|Diapriidae|BOLD:AAU9032
Diapriidae|[168]|CNGHC046-14|Hymenoptera|Diapriidae|BOLD:ACB1536
Diapriidae|[169]|CNGHA042-14|Hymenoptera|Diapriidae|BOLD:AAG5117
Diapriidae|[170]|CNGHB087-14|Hymenoptera|Diapriidae|BOLD:ACR4212
Proctotrupidae|[171]|CNGHA049-14|Hymenoptera|Proctotrupidae|BOLD:ACR4463
Platygastridae|[172]|CNGHE076-14|Hymenoptera|Platygastridae|BOLD:ACR3771
Scutacaridae|[173]|CNGHE212-14|Trombidiformes|Scutacaridae|BOLD:ACR5230