

Initial Partition with prior maximal distance P=1.92e-03

Distance JC69 Jukes-Cantor MinSlope=1.500000

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Group[1] n: 1 ;id: gij12382925|gb|AF332791.1|_Calanoides_acutus_cytochrome_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial_gene_for_mitochondrial_product

Group[2] n: 1 ;id:

gij12382923|gb|AF332790.1|_Calanoides_macrocarinatus_cytochrome_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial_gene_for_mitochondrial_product

Group[3] n: 18 ;id: gij529949953|gb|KC287433.1|_Calanoides_carinatus_voucher_KS63.5_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949955|gb|KC287434.1|_Calanoides_carinatus_voucher_KS63.6_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949959|gb|KC287436.1|_Calanoides_carinatus_voucher_KS63.4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949957|gb|KC287435.1|_Calanoides_carinatus_voucher_JS61.1_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950015|gb|KC287464.1|_Calanoides_carinatus_voucher_CaLSJG1.3_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950017|gb|KC287465.1|_Calanoides_carinatus_voucher_CaLSJG1.6_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950019|gb|KC287466.1|_Calanoides_carinatus_voucher_CaLSJG1.7_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950013|gb|KC287463.1|_Calanoides_carinatus_voucher_CaLSJG1.2_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950011|gb|KC287462.1|_Calanoides_carinatus_voucher_CaLSJG1.1_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950021|gb|KC287467.1|_Calanoides_carinatus_voucher_CaLSJG1.8_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949987|gb|KC287450.1|_Calanoides_carinatus_voucher_JS61.2_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949985|gb|KC287449.1|_Calanoides_carinatus_voucher_JS60.4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949989|gb|KC287451.1|_Calanoides_carinatus_voucher_JS61.3_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949991|gb|KC287452.1|_Calanoides_carinatus_voucher_JS61.4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950057|gb|KC287485.1|_Calanoides_carinatus_voucher_EPEAJ376_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950059|gb|KC287486.1|_Calanoides_carinatus_voucher_EPEAJ377_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950061|gb|KC287487.1|_Calanoides_carinatus_voucher_CaLFC1.3_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950063|gb|KC287488.1|_Calanoides_carinatus_voucher_CaLFC1.4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

Group[4] n: 38 ;id: gij529949961|gb|KC287437.1|_Calanoides_carinatus_voucher_CcarBB1_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949963|gb|KC287438.1|_Calanoides_carinatus_voucher_CcarBB10_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949967|gb|KC287440.1|_Calanoides_carinatus_voucher_CcarBB12_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949969|gb|KC287441.1|_Calanoides_carinatus_voucher_CcarBB2_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949971|gb|KC287442.1|_Calanoides_carinatus_voucher_CcarBB3_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949975|gb|KC287444.1|_Calanoides_carinatus_voucher_CcarBB5_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949977|gb|KC287445.1|_Calanoides_carinatus_voucher_CcarBB6_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949979|gb|KC287446.1|_Calanoides_carinatus_voucher_CcarBB7_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949981|gb|KC287447.1|_Calanoides_carinatus_voucher_CcarBB8_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949983|gb|KC287448.1|_Calanoides_carinatus_voucher_CcarBB9_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949993|gb|KC287453.1|_Calanoides_carinatus_voucher_CaSAf131_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949995|gb|KC287454.1|_Calanoides_carinatus_voucher_CaSAf132_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949997|gb|KC287455.1|_Calanoides_carinatus_voucher_CaSAf133_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949999|gb|KC287456.1|_Calanoides_carinatus_voucher_CaSAf11_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950001|gb|KC287457.1|_Calanoides_carinatus_voucher_CaSAf12_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950003|gb|KC287458.1|_Calanoides_carinatus_voucher_CaSAf31_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950005|gb|KC287459.1|_Calanoides_carinatus_voucher_CaSAf32_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950007|gb|KC287460.1|_Calanoides_carinatus_voucher_CaSAf7_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950009|gb|KC287461.1|_Calanoides_carinatus_voucher_CaSAf72_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950023|gb|KC287468.1|_Calanoides_carinatus_voucher_CaSpa41_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950027|gb|KC287470.1|_Calanoides_carinatus_voucher_CaSpa61_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950031|gb|KC287472.1|_Calanoides_carinatus_voucher_CaSpa93_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950033|gb|KC287473.1|_Calanoides_carinatus_voucher_CaSpa91_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950035|gb|KC287474.1|_Calanoides_carinatus_voucher_CaSpa92_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950037|gb|KC287475.1|_Calanoides_carinatus_voucher_Co140.12.1_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950039|gb|KC287476.1|_Calanoides_carinatus_voucher_Co140.6.2_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950041|gb|KC287477.1|_Calanoides_carinatus_voucher_Co140.6.3_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950043|gb|KC287478.1|_Calanoides_carinatus_voucher_Co140.6.4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950045|gb|KC287479.1|_Calanoides_carinatus_voucher_Co140.6.5_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950047|gb|KC287480.1|_Calanoides_carinatus_voucher_Co140.6.6_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950049|gb|KC287481.1|_Calanoides_carinatus_voucher_Co140.7.1_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950051|gb|KC287482.1|_Calanoides_carinatus_voucher_Co140.7.2_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950053|gb|KC287483.1|_Calanoides_carinatus_voucher_Co140.7.3_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950055|gb|KC287484.1|_Calanoides_carinatus_voucher_Co140.7.4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950029|gb|KC287471.1|_Calanoides_carinatus_voucher_CaSpa62_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

KU314684_Calanoides_natalis_Indian_Ocean KU314685_Calanoides_natalis_Indian_Ocean KU314686_Calanoides_natalis_Indian_Ocean

Group[5] n: 3 ;id: gij529949965|gb|KC287439.1|_Calanoides_carinatus_voucher_CcarBB11_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529949973|gb|KC287443.1|_Calanoides_carinatus_voucher_CcarBB4_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

gij529950025|gb|KC287469.1|_Calanoides_carinatus_voucher_CaSpa51_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

Group[6] n: 3 ;id: KU314687_Calanoides_patagoniensis KU314688_Calanoides_patagoniensis KU314689_Calanoides_patagoniensis

Group[7] n: 1 ;id: gij168479979|dbj|AB379986.1|_Neocalanus_flemingeri_mitochondrial_COI_gene_for_cytochrome_oxidase_subunit_I_partial_cds_voucher_DNA: rjml118

Group[8] n: 1 ;id:

gij77539299|dbj|AB093144.1|_Neocalanus_gracilis_mitochondrial_srRNA_COI_ND4L_lrRNA_genes_for_small_subunit_ribosomal_RNA_cytochrome_c_oxidase_subunit_I_NAI

Group[9] n: 1 ;id: gij433359029|dbj|AB099239.1|_Neocalanus_plumchrus_mitochondrial_COI_gene_for_cytochrome_c_oxidase_subunit_I_clone: P9801

Group[10] n: 1 ;id:

gij77539302|dbj|AB093145.1|_Neocalanus_robustior_mitochondrial_srRNA_ND6_COI_ND4L_lrRNA_genes_for_small_subunit_ribosomal_RNA_NADH_dehydrogenase_subunit_I

Group[11] n: 1 ;id:

gij77539306|dbj|AB093146.1|_Neocalanus_tonsus_mitochondrial_srRNA_ND6_COI_ND4L_lrRNA_genes_for_small_subunit_ribosomal_RNA_NADH_dehydrogenase_subunit_I

Group[12] n: 1 ;id:

gij168480003|dbj|AB379998.1|_Mesocalanus_tenuicornis_mitochondrial_COI_gene_for_cytochrome_oxidase_subunit_I_partial_cds_voucher_DNA:rjm1135

Group[13] n: 1 ;id: gj|529950393|gb|KC287653.1|_Mesocalanus_tenuicornis_voucher_Co05.7.1_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

Group[14] n: 1 ;id: gj|529950401|gb|KC287657.1|_Mesocalanus_tenuicornis_voucher_MeTeL17715_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

Group[15] n: 1 ;id: gj|529950397|gb|KC287655.1|_Mesocalanus_tenuicornis_voucher_Co5.BB2_cytochrome_c_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial

Group[16] n: 1 ;id: gj|239859652|gb|FJ602507.1|_Neocalanus_cristatus_voucher_UCONN:Co227.2.3_cytochrome_oxidase_subunit_I_(COI)_gene_partial_cds_mitochondrial