

```
1
drosophila_melanogaster/1-8123      TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_mauritiana_gca004382145v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_simulans_gca016746395v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_sechellia_gca004382195v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_erecta_gca003286155v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_santomea_gca016746245v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_yakuba_gca016746365v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_teissieri_gca016746235v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-CCC- --TGGGC--- TC-T-----
drosophila_eugracilis_gca018153835v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTTT-TCC- --TGGGC--- TC-TACACTC
drosophila_biarmipes_gca025231255v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-TCCC- --TGGGC--- TC-T-----
drosophila_subpulchrella_gca014743375v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-TCCC- --TGGGC--- TC-T-----
drosophila_suzukii_gca013340165v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-TCCC- --TGGGC--- TC-T-----
drosophila_takahashii_gca018152695v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-CCC- --TGGGC--- TC-T-----
drosophila_elegans_gca000224195v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-CCC- --TGGGC--- TC-T-----
drosophila_gunungcola_gca025200985v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-CCC- --TGGGC--- TC-T-----
drosophila_rhopaloea_gca018152115v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-CCC- --TGGGC--- TC-T-----
drosophila_ficusphila_gca018152265v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA -TTT-CCC- --TGGGC--- TC-T-----
drosophila_kikkawai_gca018152535v1rs/1-8123 TAGTTCACCTT CGATAGCTCT GCGAGTCTGC ACGTG---AA -TTT-TCCC- --TGAGC--- TC-T-----
drosophila_ananassae_gca017639315v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGGC--- TC-T-----
drosophila_bipectinata_gca000236285v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGGC--- TC-T-----
drosophila_guanche_gca900245975v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGTC--- TC-T-----
drosophila_subobscura_gca008121235v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGTC--- TC-T-----
drosophila_obscura_gca018151105v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGTC--- TC-T-----
drosophila_miranda_gca003369915v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGTC--- TC-T-----
drosophila_persimilis_gca003286085v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGTC--- TC-T-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTCTGC ACGTG---AA TTTT-CCC- --TGGTC--- TC-T-----
drosophila_willistoni_gca018902025v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTT-TTTT G-TCGAG--- TC-T-----
drosophila_albomicans_gca009650485v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGGCT-G GC-T-----
drosophila_innubila_gca004354385v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGGCTCA TC-T-----
drosophila_arizonae_gca001654025v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGGC--- -----
drosophila_mojavensis_gca018153725v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGGC--- -----
drosophila_navajoa_gca001654015v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGGC--- -----
drosophila_hydei_gca003285905v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGGC--- -----
drosophila_virilis_gca003285735v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC A-TAGACTCG AC-T-----
drosophila_grimshawi_gca018153295v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTGC ACGTG---AA TTTG-TCCC AATAGGC--- -C-T-----
drosophila_busckii_gca011750605v1rs/1-8123 TAGTTCACCTT CGATAGCTCT ACGAGTTTAC ACGTG---AA TTTG-TCCC A-TAGGC--- TC-T-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123 TAGTTCACCTT CGATAGCTCT ATGAGTTTAC ACGTAGAAAA TTTT-A--- --GTCT--- TC-G-----
coremacera_marginata_gca914767935v1/1-8123 TAGTTGACTT CGATAGCTCA ATGGGTTTGC ACGT-GTAAA TTTG-A--- --ATTG--- TC-T-----
myopa_tessellatipennis_gca943737955v1/1-8123 TAGTTGACTT CGATAGCTCA AAGAGTTTGC ACGT-GAAAT TTTG----- --TTC--- TC-T-----
machimus_atricapillus_gca933228815v1/1-8123 TAGTTGACTT CGATACCTCG ATGAGTTTAC ACGT-GGAGA TTTA-A--- --TTCC--- CCTG-----
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drosophila_melanogaster/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	---AA---
drosophila_mauritiana_gca004382145v1rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	---AA---
drosophila_simulans_gca016746395v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	---AA---
drosophila_sechellia_gca004382195v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	---AA---
drosophila_erecta_gca003286155v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	---AAA---
drosophila_santomea_gca016746245v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	TAACAAA---
drosophila_yakuba_gca016746365v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	TAACAAA---
drosophila_teissieri_gca016746235v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TGC---	---TC--A---	AACAAA---
drosophila_eugracilis_gca018153835v1rs/1-8123	GGCT-G---	---TCTG---	TC--T--TG	-----A-----	C--TTC---	---TC---	---AA---
drosophila_biarmipes_gca025231255v1rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TTC---	---TC--A---	---CA---
drosophila_subpulchrella_gca014743375v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TTC---	---TC--A---	---AA---
drosophila_suzukii_gca013340165v1rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TTC---	---TC--A---	---AA---
drosophila_takahashii_gca018152695v1rs/1-8123	---C G---	---GCTG---	TC--TCTTG	-----A-----	A--TTT---	---CT--C---	---AA---
drosophila_elegans_gca000224195v2rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TT---	---CT--C---	---AG---
drosophila_gunungcola_gca025200985v1rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TT---	---CT--C---	---AG---
drosophila_rhopaloea_gca018152115v1rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	C--TT---	---CT--C---	---AG---
drosophila_ficusphila_gca018152265v1rs/1-8123	---C G---	---GCTG---	TC--T--TG	-----A-----	A--TTT---	---CT--C---	---AA---
drosophila_kikkawai_gca018152535v1rs/1-8123	---CCG---	---GCTG---	TC--TGTCTG	-----A-----	A--ATT---	---CTGAGAC---	---AA---
drosophila_ananassae_gca017639315v2rs/1-8123	---C G---	---GCTG---	TC--GTC--TG	-----G-----	C--TTT---	---CT--C---	---AAT---
drosophila_bipectinata_gca000236285v2rs/1-8123	---C G---	---GCTG---	TC--GTC--TG	-----G-----	C--TTT---	---CT--A---	---AAT---
drosophila_guanche_gca900245975v1rs/1-8123	-----	---TG---	TC--TCT--TG	-----T-----	CCGTCTTCTC	---CT--G---	---TGTGTC---
drosophila_subobscura_gca008121235v1rs/1-8123	-----	---TG---	TC--TCT--TG	-----T-----	CCGTCTTCTC	---CT--G---	---TGTGTC---
drosophila_obscura_gca018151105v1rs/1-8123	-----	---TG---	TC--TCT--GG	-----T-----	CCGTCTTCTC	---CT--G---	---TGTGTC---
drosophila_miranda_gca003369915v2rs/1-8123	-----	-----	---T--TG---	-----T-----	CCGATT---	---CT--G---	---TGTGTC---
drosophila_persimilis_gca003286085v2rs/1-8123	-----	-----	---T--TG---	-----T-----	CCGATT---	---CT--G---	---TGTGTC---
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----	-----	---T--TG---	-----T-----	CCGATT---	---CT--G---	---TGTGTC---
drosophila_willistoni_gca018902025v2rs/1-8123	---T G---	---TC....	.....	.....	.....	.....	.....
drosophila_albomicans_gca009650485v2rs/1-8123	---C T---	---TG---	TC--TCT--GG	TC--TCTG---	GCGTCTTCTC	TCACT---	C---AGAG---
drosophila_innubila_gca004354385v1rs/1-8123	-----	-----	-----	-----	GCGTCT---	---CT--C---	---AG---
drosophila_arizonae_gca001654025v1rs/1-8123	-----TCTC	TATAGCTG---	TCTGCT--GG	GC--TTG---	CCGTCT---	---CT--C---	---AGTG---
drosophila_mojavensis_gca018153725v1rs/1-8123	-----TCTC	TATAGTTG---	TCTGCT--GG	GC--TTG---	CCGTCT---	---CT--C---	---AGTG---
drosophila_navajoa_gca001654015v2rs/1-8123	-----TCTC	TATAGCTG---	TCTGCT--GG	GC--TTG---	CCGTCT---	---CT--C---	---AGTG---
drosophila_hydei_gca003285905v2rs/1-8123	-----TCTC	TATAGCTG---	TCTGCT--GG	GC--TTG---	CCGTCT---	---CT--C---	---AGTG---
drosophila_virilis_gca003285735v2rs/1-8123	---C TCCTC	AGCAGTTG---	TG--TCT--GG	-----GCGC---	CCGTCT---	---CT--C---	---TGTG---
drosophila_grimshawi_gca018153295v1rs/1-8123	---C TCC---	---ACAACCTC---	TC--TGT--GT	GT--TCA---	ATTTCT---	---CT--C---	---CGTG---
drosophila_busckii_gca011750605v1rs/1-8123	---C T---	---GTTG---	TT--TTT--TG	GCGGCC---	TCGTCT---	---CT--C---	---AGTGTC---
bactrocera_neohumeralis_gca024586455v2rs/1-8123	---C GT---	---GTTG---	AA--GCG---	-----	-----	-----	-----
coremacera_marginata_gca914767935v1/1-8123	---C TT---	---GATA---	AA--TCT---	-----	-----	-----	-----
myopa_tessellatipennis_gca943737955v1/1-8123	---C TT---	---GATG---	AG--TCT---	-----	-----	-----	-----
machimus_atricapillus_gca933228815v1/1-8123	---C TT---	---TATGCT---	GT--GCT---	-----	-----	-----	-----

drosophila_melanogaster/1-8123
drosophila_mauritiana_gca004382145v1rs/1-8123
drosophila_simulans_gca016746395v2rs/1-8123
drosophila_sechellia_gca004382195v2rs/1-8123
drosophila_erecta_gca003286155v2rs/1-8123
drosophila_santomea_gca016746245v2rs/1-8123
drosophila_yakuba_gca016746365v2rs/1-8123
drosophila_teissieri_gca016746235v2rs/1-8123
drosophila_eugracilis_gca018153835v1rs/1-8123
drosophila_biarmipes_gca025231255v1rs/1-8123
drosophila_subpulchrella_gca014743375v2rs/1-8123
drosophila_suzukii_gca013340165v1rs/1-8123
drosophila_takahashii_gca018152695v1rs/1-8123
drosophila_elegans_gca000224195v2rs/1-8123
drosophila_gunungcola_gca025200985v1rs/1-8123
drosophila_rhopaloea_gca018152115v1rs/1-8123
drosophila_ficusphila_gca018152265v1rs/1-8123
drosophila_kikkawai_gca018152535v1rs/1-8123
drosophila_ananassae_gca017639315v2rs/1-8123
drosophila_bipectinata_gca000236285v2rs/1-8123
drosophila_guanche_gca900245975v1rs/1-8123
drosophila_subobscura_gca008121235v1rs/1-8123
drosophila_obscura_gca018151105v1rs/1-8123
drosophila_miranda_gca003369915v2rs/1-8123
drosophila_persimilis_gca003286085v2rs/1-8123
drosophila_pseudoobscura_gca009870125v2rs/1-8123
drosophila_willistoni_gca018902025v2rs/1-8123
drosophila_albomicans_gca009650485v2rs/1-8123
drosophila_innubila_gca004354385v1rs/1-8123
drosophila_arizonae_gca001654025v1rs/1-8123
drosophila_mojavensis_gca018153725v1rs/1-8123
drosophila_navjoa_gca001654015v2rs/1-8123
drosophila_hydei_gca003285905v2rs/1-8123
drosophila_virilis_gca003285735v2rs/1-8123
drosophila_grimshawi_gca018153295v1rs/1-8123
drosophila_busckii_gca011750605v1rs/1-8123
bactrocera_neohumeralis_gca024586455v2rs/1-8123
coremacera_marginata_gca914767935v1/1-8123
myopa_tessellatipennis_gca943737955v1/1-8123
machimus atricapillus_gca933228815v1/1-8123

drosophila_melanogaster/1-8123	ATCTCAAT	C				GGCATCG	AAT	C			GGTCA	AGCAACCCAG
drosophila_mauritiana_gca004382145v1rs/1-8123	A.....T	C				GGCATCG	AAT	C			G....	.....
drosophila_simulans_gca016746395v2rs/1-8123	A.....T	C				GGCATCG	AAT	C			G....	.....
drosophila_sechellia_gca004382195v2rs/1-8123	A.....T	C				GGCATCG	AAT	C			G....	.....
drosophila_erecta_gca003286155v2rs/1-8123	A.....T	C				GGCAGCG	AAT	C			G....	.....
drosophila_santomea_gca016746245v2rs/1-8123	A.....TCG	GCATC				GGCATCG	AATCC				G....	.....
drosophila_yakuba_gca016746365v2rs/1-8123	A.....TCG	GCATC				GGCATCG	AATCC				G....	.....
drosophila_teissieri_gca016746235v2rs/1-8123	A.....T	C				GGCATCG	AATCC				G....	.....
drosophila_eugracilis_gca018153835v1rs/1-8123	A.....T	C				GG		T	C		G....	.....
drosophila_biarmipes_gca025231255v1rs/1-8123	G.....T	ACAAT	CTCAATCCCA	ATCGGCATCG	CAG	C					G....	.....
drosophila_subpulchrella_gca014743375v2rs/1-8123	G.....A	C				GGCATCG	AAT	C			G....	.....
drosophila_suzukii_gca013340165v1rs/1-8123	G.....T	C				GGCATCG	TAT	C			G....	.....
drosophila_takahashii_gca018152695v1rs/1-8123	G.....T	C				GGCATCG	AAT	C			G....	.....
drosophila_elegans_gca000224195v2rs/1-8123	.....T	C				GAAATCG	AAT	C			G....	.....
drosophila_gunungcola_gca025200985v1rs/1-8123	.....T	C				GAAATCG	AAT	C			G....	.....
drosophila_rhopaloea_gca018152115v1rs/1-8123	.....										
drosophila_ficusphila_gca018152265v1rs/1-8123	.....T	C				GGCTTCG	AAT	C			G....	.....
drosophila_kikkawai_gca018152535v1rs/1-8123	.....T	C				G	G	AAT	C		G....	.....
drosophila_ananassae_gca017639315v2rs/1-8123	.....T	C				G	G	AAT	C		G....	.....
drosophila_bipectinata_gca000236285v2rs/1-8123	.....T	C				G	G	AAT	C		G....	.....
drosophila_guanche_gca900245975v1rs/1-8123	.....T	C					A	AAT	C		T....	.....
drosophila_subobscura_gca008121235v1rs/1-8123	.....T	C					A	AAT	C		T....	.....
drosophila_obscura_gca018151105v1rs/1-8123	.....T	C					G	AAT	C		T....	.....
drosophila_miranda_gca003369915v2rs/1-8123	.....T	C					A	AAT	C		T....	.....
drosophila_persimilis_gca003286085v2rs/1-8123	.....T	C					A	AAT	C		T....	.....
drosophila_pseudoobscura_gca009870125v2rs/1-8123	.....T	C					A	AAT	C		T....	.....
drosophila_willistoni_gca018902025v2rs/1-8123	.....										
drosophila_albomicans_gca009650485v2rs/1-8123	.....T	A					T	TA	TGTGTG	CGCTGT	.....	.....
drosophila_innubila_gca004354385v1rs/1-8123	.....T	G					T	TA	T		.....	.....
drosophila_arizonae_gca001654025v1rs/1-8123	.....T	A					T	TAT	TATGTG	CGCTGT	.....	.....
drosophila_mojavensis_gca018153725v1rs/1-8123	.....T	A					T	TAT	TATGTG	CGCTGT	.....	.....
drosophila_navajoa_gca001654015v2rs/1-8123	.....T	A					T	TAT	TATGTG	CGCTGT	.....	.....
drosophila_hydei_gca003285905v2rs/1-8123	.....T	A					T	TAT	TATGTG	CGCTGT	.....	.....
drosophila_virilis_gca003285735v2rs/1-8123	.....T	G					T	TGT	TATGTG	CGCTGT	.....	.....
drosophila_grimshawi_gca018153295v1rs/1-8123	.....T	A					T	TAT	TATGTG	CGCTGT	.....	.....
drosophila_busckii_gca011750605v1rs/1-8123	.....C	G					G	CGT	TCCGTT	CGTATT	.....	.....
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....										.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....										.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus_atricapillus_gca933228815v1/1-8123

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drosophila_melanogaster/1-8123      TAGAAA--CA--CAC-ATT-----CGAGA--AA--TCTC  AATCTGT---
drosophila_mauritiana_gca004382145v1rs/1-8123  ....AA--CA--CAC-ATT-----CGA--AA--TCTC  AATCTGT---
drosophila_simulans_gca016746395v2rs/1-8123    ....AA--CA--CAC-ATT-----CGA--AA--TCTC  AATCTGT---
drosophila_sechellia_gca004382195v2rs/1-8123   ....AA--CA--CAC-ATT-----CGA--AA--TCTC  AATCTGT---
drosophila_erecta_gca003286155v2rs/1-8123      ....AA--CA--CAC-ATT-----CGA--AA--TCTC  AATCTGT---
drosophila_santomea_gca016746245v2rs/1-8123    ....AA--CA--CAC-ATT-----CGA--AA--TCTT  AATCTGTATC
drosophila_yakuba_gca016746365v2rs/1-8123     ....AA--CA--CAC-ATT-----CGA--AA--TCTC  AATCTGTATC
drosophila_teissieri_gca016746235v2rs/1-8123   ....AA--CA--CAC-ATT-----CGA--AA--TCTC  AATCTGT---
drosophila_eugracilis_gca018153835v1rs/1-8123  ....AG--AA--AAC-AAA-----C-A--CA--TCTC  TAACCGA---
drosophila_biarmipes_gca025231255v1rs/1-8123   ....AG--TA--AA-ACA-----C-A--CA--CTCG  ACACCGA---
drosophila_subpulchrella_gca014743375v2rs/1-8123  ....AG--TA--AA-CACA-----C-A--CA--TTCG  AAATCGA---
drosophila_suzukii_gca013340165v1rs/1-8123    ....AG--TA--AA-ACA-----C-A--CA--TTCG  AAATCGA---
drosophila_takahashii_gca018152695v1rs/1-8123  ....AG--TA-GAAA-ACA-----A--CA--CTCG  CATCTGA---
drosophila_elegans_gca000224195v2rs/1-8123     ....--CA--CAA-ACAAA-TCCACTACAC-ACACACACAC-ACAAAC-A--CA--ATCG  CATCTGA---
drosophila_gunungcola_gca025200985v1rs/1-8123  ....--CA--CAA-ACAAA-TCCACTACAC-ACACACGCAC-A--CA--ATCG  CATCTGA---
drosophila_rhopaloea_gca018152115v1rs/1-8123  ....--CA--CAA-ACA-----C-A--CA--CTCG  CATCTGA---
drosophila_ficusphila_gca018152265v1rs/1-8123  ....AA--CA--CAC-ACA-----C-T--CGCTTTTC  AATCTGA---
drosophila_kikkawai_gca018152535v1rs/1-8123    ....CA--CA--AAA-ACA-----C-A--CGC-T--CTGA---
drosophila_ananassae_gca017639315v2rs/1-8123   ....-G--CA--CGC-ACA-----C-A--CAA-T--CAGA---
drosophila_bipectinata_gca000236285v2rs/1-8123  ....-G--CA--CGC-ACA-----C-A--CAA-T--CAGA---
drosophila_guanche_gca900245975v1rs/1-8123     ....-A--AA--GTA-AAA-----G-A--ATCT-----
drosophila_subobscura_gca008121235v1rs/1-8123  ....-A--AA--GTA-AAA-----G-A--ATCT-----
drosophila_obscura_gca018151105v1rs/1-8123     ....-A--AA--G-----A--ATCT-----
drosophila_miranda_gca003369915v2rs/1-8123     ....-A--AA--GCA-AAA-----G-A--ATCT-----
drosophila_persimilis_gca003286085v2rs/1-8123  ....-A--AA--GCA-AAA-----G-A--ATCT-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123  ....-A--AA--GCA-AAA-----G-A--ATCT-----
drosophila_willistoni_gca018902025v2rs/1-8123  .....-G--AA--TTT-----
drosophila_albomicans_gca009650485v2rs/1-8123  ....-G--AA--TTT-----
drosophila_innubila_gca004354385v1rs/1-8123    ....-G--AA-----
drosophila_arizonae_gca001654025v1rs/1-8123   ....-GCAAG--CTG-AAA-----C-A-----
drosophila_mojavensis_gca018153725v1rs/1-8123  ....-GCAAG--CTG-AAA-----C-A-----
drosophila_navajoa_gca001654015v2rs/1-8123     ....-GCAAG--CTG-AAA-----C-A-----
drosophila_hydei_gca003285905v2rs/1-8123      ....-GCAAG--CTG-AAA-----C-A-----
drosophila_virilis_gca003285735v2rs/1-8123     ....-G--AA--TTC-AAC-----A-A-----
drosophila_grimshawi_gca018153295v1rs/1-8123   ....-G--AA-----AA-----A-A-----
drosophila_busckii_gca011750605v1rs/1-8123     ....-A--TA--TCG-AAA-----T-A--CA-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123  .....
coremacera_marginata_gca914767935v1/1-8123     .....
myopa_tessellatipennis_gca943737955v1/1-8123   .....
machimus atricapillus_gca933228815v1/1-8123     .....

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drosophila_melanogaster/1-8123	-----A T C-----	-----T GAATAT C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_mauritiana_gca004382145v1rs/1-8123	-----A T C-----	-----T GAATAT C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_simulans_gca016746395v2rs/1-8123	-----A T C-----	-----T GAATAT C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_sechellia_gca004382195v2rs/1-8123	-----A T C-----	-----T GAATAT C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_erecta_gca003286155v2rs/1-8123	-----A T C-----	-----T GAATAA C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_santomea_gca016746245v2rs/1-8123	TGC-----A T C-----	-----T GAATCA C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_yakuba_gca016746365v2rs/1-8123	TGCATCTGCA T C-----	-----T GAATCA C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_teissieri_gca016746235v2rs/1-8123	-----A A C-----	-----T GAAACA C-----	-----AG AGTTC-----	-----TGCGTTC-----
drosophila_eugracilis_gca018153835v1rs/1-8123	-----A T C-----	-----T GAATAT C-----	-----AG AGT-----	-----TGCGTTC-----
drosophila_biarmipes_gca025231255v1rs/1-8123	-----A G T-----	-----C GCAA-----	-----TTT-----	-----CGCGTTT-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----A A T-----	-----C ACAA-----	-----TTT-----	-----CGCGTTT-----
drosophila_suzukii_gca013340165v1rs/1-8123	-----A A T-----	-----C ACAA-----	-----TTT-----	-----CGCGTTT-----
drosophila_takahashii_gca018152695v1rs/1-8123	-----A T T-----	-----C GAAAAT C-----	-----AG AGTTA-----	-----CGCGTCT-----
drosophila_elegans_gca000224195v2rs/1-8123	-----A T T-----	-----AT C-----	-----AG AGTTT-----	-----CGCGTTT-----
drosophila_gunungcola_gca025200985v1rs/1-8123	-----A T T-----	-----AT C-----	-----AG AGTTT-----	-----CGCGTTT-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----A T T-----	-----AT C-----	-----AG AGTTT-----	-----CGCGTTT-----
drosophila_ficusphila_gca018152265v1rs/1-8123	-----A T T-----	C GAATAT C-----	-----AA AGTTT-----	-----CGCGTCT-----
drosophila_kikkawai_gca018152535v1rs/1-8123	-----A T T-----	-----T AT CT-----	CTGCCCCAAA ACACA-----	-----CGCGTCT-----
drosophila_ananassae_gca017639315v2rs/1-8123	-----G T TTAATTT-----	GAGTCTTCAT-----	-----AT C-----	-----AG AGTTT-----
drosophila_bipectinata_gca000236285v2rs/1-8123	-----G TCTTAACTT-----	GAGTCTTCAT-----	-----AT C-----	-----AG AGTTT-----
drosophila_guanche_gca900245975v1rs/1-8123	-----CAAAACG AA-----	AT AT-----	-----AT C-----	-----AG AG-TG-----
drosophila_subobscura_gca008121235v1rs/1-8123	-----CAAAACG AA-----	AT AT-----	-----AT C-----	-----AG AG-TG-----
drosophila_obscura_gca018151105v1rs/1-8123	-----CAAATCG AA-----	AT AT-----	-----AT C-----	-----AG AG-TG-----
drosophila_miranda_gca003369915v2rs/1-8123	-----CAAATCG GA-----	AT AT-----	-----AT C-----	-----AG AG-TA-----
drosophila_persimilis_gca003286085v2rs/1-8123	-----CAAATCG GA-----	AT AT-----	-----AT C-----	-----AG AG-TA-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----CAAATCG GA-----	AT AT-----	-----AT C-----	-----AG AG-TA-----
drosophila_willistonii_gca018902025v2rs/1-8123	.....	.....	....AT-----	-----AT AT-TT-----
drosophila_albomicans_gca009650485v2rs/1-8123	-----C AATCT CA-----	AT AT-----	-----CT-----	-----GA TCT-----
drosophila_innubila_gca004354385v1rs/1-8123	-----A AATCT CA-----	AT AT-----	-----AT-----	-----TGCCA CGA-----
drosophila_arizonae_gca001654025v1rs/1-8123	-----A AATCT CA-----	AA AA-----	-----	-----TGT-----
drosophila_mojavensis_gca018153725v1rs/1-8123	-----A AATCT CA-----	AA AA-----	-----	-----TGT-----
drosophila_navajoa_gca001654015v2rs/1-8123	-----A AATCT CA-----	AA AA-----	-----	-----TGT-----
drosophila_hydei_gca003285905v2rs/1-8123	-----A AATCT CA-----	AA AA-----	-----	-----TGT-----
drosophila_virilis_gca003285735v2rs/1-8123	-----A AATCT CA-----	AT AT-----	-----AT-----	-----GA TGT-----
drosophila_grimshawi_gca018153295v1rs/1-8123	-----A AATCT CA-----	AT AT-----	-----AG-----	-----CA TGT-----
drosophila_busckii_gca011750605v1rs/1-8123	-----CAAATCT GA-----	AT AT-----	-----CCAAC-----	-----AT AT-TGCGC-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....

drosophila_melanogaster/1-8123
drosophila_mauritiana_gca004382145v1rs/1-8123
drosophila_simulans_gca016746395v2rs/1-8123
drosophila_sechellia_gca004382195v2rs/1-8123
drosophila_erecta_gca003286155v2rs/1-8123
drosophila_santomea_gca016746245v2rs/1-8123
drosophila_yakuba_gca016746365v2rs/1-8123
drosophila_teissieri_gca016746235v2rs/1-8123
drosophila_eugracilis_gca018153835v1rs/1-8123
drosophila_biarmipes_gca025231255v1rs/1-8123
drosophila_subpulchrella_gca014743375v2rs/1-8123
drosophila_suzukii_gca013340165v1rs/1-8123
drosophila_takahashii_gca018152695v1rs/1-8123
drosophila_elegans_gca000224195v2rs/1-8123
drosophila_gunungcola_gca025200985v1rs/1-8123
drosophila_rhopaloea_gca018152115v1rs/1-8123
drosophila_ficusphila_gca018152265v1rs/1-8123
drosophila_kikkawai_gca018152535v1rs/1-8123
drosophila_ananassae_gca017639315v2rs/1-8123
drosophila_bipectinata_gca000236285v2rs/1-8123
drosophila_guanche_gca900245975v1rs/1-8123
drosophila_subobscura_gca008121235v1rs/1-8123
drosophila_obscura_gca018151105v1rs/1-8123
drosophila_miranda_gca003369915v2rs/1-8123
drosophila_persimilis_gca003286085v2rs/1-8123
drosophila_pseudoobscura_gca009870125v2rs/1-8123
drosophila_willistoni_gca018902025v2rs/1-8123
drosophila_albomicans_gca009650485v2rs/1-8123
drosophila_innubila_gca004354385v1rs/1-8123
drosophila_arizonae_gca001654025v1rs/1-8123
drosophila_mojavensis_gca018153725v1rs/1-8123
drosophila_navajoa_gca001654015v2rs/1-8123
drosophila_hydei_gca003285905v2rs/1-8123
drosophila_virilis_gca003285735v2rs/1-8123
drosophila_grimshawi_gca018153295v1rs/1-8123
drosophila_busckii_gca011750605v1rs/1-8123
bactrocera_neohumeralis_gca024586455v2rs/1-8123
coremacera_marginata_gca914767935v1/1-8123
myopa_tessellatipennis_gca943737955v1/1-8123
machimus atricapillus_gca933228815v1/1-8123

drosophila_melanogaster/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_mauritiana_gca004382145v1rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_simulans_gca016746395v2rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_sechellia_gca004382195v2rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_erecta_gca003286155v2rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAAT---	-----
drosophila_santomea_gca016746245v2rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_yakuba_gca016746365v2rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_teissieri_gca016746235v2rs/1-8123	---AAGTGC	TA-----	-----	---AAT---	-----	GAAATT---	C---G---AA
drosophila_eugracilis_gca018153835v1rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	GAAGTT---	C---T---TA
drosophila_biarmipes_gca025231255v1rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	AGAAAA---	T---T---CT
drosophila_subpulchrella_gca014743375v2rs/1-8123	---GAGTGC	TA-----	-----	---AAT---	-----	AAAAAAAAA	T---T---CT
drosophila_suzukii_gca013340165v1rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	AAGAAA---	T---T---CT
drosophila_takahashii_gca018152695v1rs/1-8123	---GAGTGC	TA-----	-----	---AACTACGA	AAAG---A	AAAAAA---	T---T---CT
drosophila_elegans_gca000224195v2rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	CAAAAT---	T---C---TA
drosophila_gunungcola_gca025200985v1rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	CAAAAT---	T---C---TA
drosophila_rhopaloea_gca018152115v1rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	-GAAAT---	T---C---TA
drosophila_ficusphila_gca018152265v1rs/1-8123	---GAGTGC	TA-----	-----	---AAC---	-----	AAAATT---	C---T---GA
drosophila_kikkawai_gca018152535v1rs/1-8123	---AAGTGT	TT-----	-----	---GCT---	-----	AAAAAT---	C---T---AA
drosophila_ananassae_gca017639315v2rs/1-8123	---GAGTGC	TA-----	-----	---ACT---	-----	-----	-----
drosophila_bipectinata_gca000236285v2rs/1-8123	---GAGTGC	TA-----	-----	---ACT---	-----	-----	-----
drosophila_guanche_gca900245975v1rs/1-8123	---AAGTGC	TAT--AAAT-	-A---T---T	ACAAC---	-----	AACAAC---	A---ACAGCA
drosophila_subobscura_gca008121235v1rs/1-8123	---AAGTGC	TAT--AAAT-	-A---T---T	ACAAC---	-----	AACAAC---	A---A---CA
drosophila_obscura_gca018151105v1rs/1-8123	---AAGTGC	TAT--AAAT-	-A---T---T	ACAAC---	-----	AACAAC---	G---A---GA
drosophila_miranda_gca003369915v2rs/1-8123	---AAGTGC	TATTAAAATA	TATTACAACC	ACAAT---	-----	CACAAC---	C---A---CA
drosophila_persimilis_gca003286085v2rs/1-8123	---AAGTGC	TATTAAAATA	TATTACAACC	ACAAC---	-----	CACAAC---	A---A---CA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	---AAGTGC	TATTAAAATA	TATTACAACC	ACAAC---	-----	CACAAC---	AACCA---CA
drosophila_willistoni_gca018902025v2rs/1-8123	-----	-----	-----	-----	-----	-----	-----
drosophila_albomicans_gca009650485v2rs/1-8123	CA--AACAAC	AACAACCTTCA	-ACTACA--A	ACAAC---	-----	-----	-----
drosophila_innubila_gca004354385v1rs/1-8123	---AAGTGC	AA-----	-----	CAACA	ACAACCTACTA	--CAAC---	T---A---CT
drosophila_arizonae_gca001654025v1rs/1-8123	CA--AAGTGC	AACAATAAC	-A---A---A	ACAAG---	-----	A---AAT---	T---T---AT
drosophila_mojavensis_gca018153725v1rs/1-8123	CA--AAGTGC	AACAATAAC	-A---A---A	ACAAG---	-----	A---AAT---	T---T---AT
drosophila_navajoa_gca001654015v2rs/1-8123	CA--AAGTGC	AACAATAAC	-A---A---A	ACAAG---	-----	A---AAT---	T---T---AT
drosophila_hydei_gca003285905v2rs/1-8123	CA--AAGTGC	AACAATAAC	-A---A---A	ACCAG---	-----	A---AAT---	T---T---AT
drosophila_virilis_gca003285735v2rs/1-8123	CA--AAGTGC	AACAATTACA	-A---G---A	AGAAG---	-----	AAGAA---	-----
drosophila_grimshawi_gca018153295v1rs/1-8123	AACAAAGTGC	AACAATAACA	-A---A---A	ATAAG---	-----	AAAAAA---	T---A---TT
drosophila_busckii_gca011750605v1rs/1-8123	AAGAAAAATGC	ACAAATAACA	AACTGCG--C	ACAAC---	-----	AACAAT---	A---A---CA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	-----	-----	-----	-----	T-----	A---C---AA
coremacera_marginata_gca914767935v1/1-8123	-----	-----	-----	-----	-----	T-----	T---G---AA
myopa_tessellatipennis_gca943737955v1/1-8123	-----	-----	-----	-----	-----	TGAGT---	T---G---GA
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	-----	-----	-----	T-----	T---G---GC

drosophila_melanogaster/1-8123	--A--ATAA	A	--AA--	-----AA	A	-----T	-----CTA
drosophila_mauritiana_gca004382145v1rs/1-8123	--A--ATAA	A	--AA--	-----AA	-----T	-----CTA	
drosophila_simulans_gca016746395v2rs/1-8123	--A--ATAA	A	--AA--	-----AA	-----T	-----CTA	
drosophila_sechellia_gca004382195v2rs/1-8123	--A--ATAA	A	--AA--	-----A	-----T	-----CTA	
drosophila_erecta_gca003286155v2rs/1-8123	-----	-----	-----	-----AA	A	-----TA	
drosophila_santomea_gca016746245v2rs/1-8123	ATA--A-A	A	--AA--	-----AA	AA-TC	-----T	
drosophila_yakuba_gca016746365v2rs/1-8123	ATA--A-A	A	--AA--	-----AA	AA-TC	-----T	
drosophila_teissieri_gca016746235v2rs/1-8123	AAA--A-A	A	--AA--	-----AA	A	-----T	
drosophila_eugracilis_gca018153835v1rs/1-8123	--A--A-A	T	--AA--	-----AA	A	-----G	
drosophila_biarmipes_gca025231255v1rs/1-8123	--A--A-A	G	--AA--	-----AA	A	-----T	
drosophila_subpulchrella_gca014743375v2rs/1-8123	--A--A-A	G	--AA--	-----AA	A	-----T	
drosophila_suzukii_gca013340165v1rs/1-8123	--T--A-A	G	--AA--	-----AA	A	-----T	
drosophila_takahashii_gca018152695v1rs/1-8123	--A--A-A	G	-----	-----	-----	-----	
drosophila_elegans_gca000224195v2rs/1-8123	--A--C-A	A	--CA--	-----AA	T	-----A	
drosophila_gunungcola_gca025200985v1rs/1-8123	--A--C-A	A	--CA--	-----AA	T	-----A	
drosophila_rhopaloea_gca018152115v1rs/1-8123	--A--C-A	A	--ACAACAA	CGAAAAAAAA	G	-----A	
drosophila_ficusphila_gca018152265v1rs/1-8123	--A--A-A	A	--AA--	-----AA	A	-----T	
drosophila_kikkawai_gca018152535v1rs/1-8123	--ATGAAA	G	--AA--	-----AT	A	-----C	
drosophila_ananassae_gca017639315v2rs/1-8123	-----	-----	-----	-----A	A	-----T	
drosophila_bipectinata_gca000236285v2rs/1-8123	-----	-----	-----	-----A	A	-----T	
drosophila_guanche_gca900245975v1rs/1-8123	--G--C-A	A	--GA--	-----AG	A	-----T	
drosophila_subobscura_gca008121235v1rs/1-8123	--G--C-A	A	--GA--	-----AG	A	-----T	
drosophila_obscura_gca018151105v1rs/1-8123	--A--G-A	A	--GA--	-----AG	A	-----A	
drosophila_miranda_gca003369915v2rs/1-8123	--A--A-A	A	--CA--	-----AC	A	-----A	
drosophila_persimilis_gca003286085v2rs/1-8123	--A--C-A	A	--CA--	-----AC	A	-----ACAAC	
drosophila_pseudoobscura_gca009870125v2rs/1-8123	--A--C-A	A	--CA--	-----AC	A	-----ACAAC	
drosophila_willistoni_gca018902025v2rs/1-8123	-----	-----	--AA--	-----AA	A	-----A	
drosophila_albomicans_gca009650485v2rs/1-8123	-----	-----	-----	-----	-----	-----	
drosophila_innubila_gca004354385v1rs/1-8123	--A--C-A	A	--CA--	-----AC	A	-----A	
drosophila_arizonae_gca001654025v1rs/1-8123	--A--C-A	AAACAAAATT	ATAG	-----AA	A	-----A	
drosophila_mojavensis_gca018153725v1rs/1-8123	--A--C-A	A	-----	-----	-----	-----AATA	
drosophila_navajoa_gca001654015v2rs/1-8123	--A--C-A	AAACAAAATT	ATAA	-----CA	A	-----A	
drosophila_hydei_gca003285905v2rs/1-8123	--A--C-G	A	-----	-----AACAAAAAT	T	-----C	
drosophila_virilis_gca003285735v2rs/1-8123	-----	-----	--A--	-----AC	A	-----A	
drosophila_grimshawi_gca018153295v1rs/1-8123	--A--A-G	A	--AA--	-----GC	T	-----A	
drosophila_busckii_gca011750605v1rs/1-8123	--A--C-A	A	--TA--	-----AC	G	-----A	
bactrocera_neohumeralis_gca024586455v2rs/1-8123	--A--A-T	A	--GA--	-----AT	A	-----A	
coremacera_marginata_gca914767935v1/1-8123	--A--G-A	A	--TA--	-----AC	AC-TTTTTG	AT--A	
myopa_tessellatipennis_gca943737955v1/1-8123	--T--G-A	A	--GA--	-----AA	ACAATTTTTG	CTTGAA	
machimus_atricapillus_gca933228815v1/1-8123	--A-GTCA	T	--AA--	-----TA	A	-----A	

drosophila_melanogaster/1-8123	AAT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_mauritiana_gca004382145v1rs/1-8123	AAT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_simulans_gca016746395v2rs/1-8123	AAT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_sechellia_gca004382195v2rs/1-8123	AAA-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_erecta_gca003286155v2rs/1-8123	AAT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_santomea_gca016746245v2rs/1-8123	AAT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_yakuba_gca016746365v2rs/1-8123	AAT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_teissieri_gca016746235v2rs/1-8123	AGT-AA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_eugracilis_gca018153835v1rs/1-8123	AGA-AAATTTTC	ATAA-C----				CAAA	T-A-AA-----
drosophila_biarmipes_gca025231255v1rs/1-8123	AA-----	ACAA-C----				CAAA	T-A-AA-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	AA-----	ATAA-C----				CAAA	T-G-AA-----
drosophila_suzukii_gca013340165v1rs/1-8123	AA-----	ATAA-C----				CAAA	T-G-AA-----
drosophila_takahashii_gca018152695v1rs/1-8123	-----	CAA-A----				CAAA	T-A-AA-----
drosophila_elegans_gca000224195v2rs/1-8123	-A-GA----	ATAC-C----				CAAA	T-C-AA-----
drosophila_gunungcola_gca025200985v1rs/1-8123	-A-GA----	ATAC-C----				CAAA	T-C-AA-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	-A-GA----	ATAC-C----				CAAA	T-C-AA-----
drosophila_ficusphila_gca018152265v1rs/1-8123	AAA-GA----	ATAA-C----				CAAA	T-A-AA-----
drosophila_kikkawai_gca018152535v1rs/1-8123	AAA-TA----	TAATTC-----				AAAA	T-A-AA-----
drosophila_ananassae_gca017639315v2rs/1-8123	GAA-AA----	TAA-A----				CAAA	T-T-GA-----
drosophila_bipectinata_gca000236285v2rs/1-8123	GAA-AA----	TAA-A----				CAAA	T-T-GA-----
drosophila_guanche_gca900245975v1rs/1-8123	AAA-AA----	TAT-T-----				ATAG	T-AA-AGATT
drosophila_subobscura_gca008121235v1rs/1-8123	ACA-AA----	TAT-T-----				ATAG	T-AA-AGATT
drosophila_obscura_gca018151105v1rs/1-8123	AAA-AG----	TAA-A----				AAAA	TAAGA-AA-AGATT
drosophila_miranda_gca003369915v2rs/1-8123	TAA-AA----	TAA-A----				TAAT	A-A-AA-AGATC
drosophila_persimilis_gca003286085v2rs/1-8123	TAA-AA----	TAA-A----				TAAT	A-A-AA-AGATC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TAA-AA----	TAA-A----				TAAT	A-A-AA-AGATC
drosophila_willistoni_gca018902025v2rs/1-8123	AA-----	TA-T-----				AAAA	T-AAATTT
drosophila_albomicans_gca009650485v2rs/1-8123	-----	-----				CA	ACGC-T-AAATCACAAC
drosophila_innubila_gca004354385v1rs/1-8123	GAGCAA-----	-----				-----	A-----
drosophila_arizonae_gca001654025v1rs/1-8123	AA-----	AA-TAAA	TAAATAAAAA	AAACTGCGCA	ACATAAAAAA	T-T-	AAATAAATT
drosophila_mojavensis_gca018153725v1rs/1-8123	AATAAAA----	ATA-CAAA	TA--AAAAA	AAACTGCGCA	ACATA-AAAA	T-T-	AAATAAATT
drosophila_navajoa_gca001654015v2rs/1-8123	AATAAAA----	ATA-CG--	AAATTCAAC	AAACTGCGCA	ACACAAAAA	T-C-	AAATAAATT
drosophila_hydei_gca003285905v2rs/1-8123	AATAAAA----	AT-----	CAAA	AAACTGCGCA	ACATATAAAA	-----	AAATT
drosophila_virilis_gca003285735v2rs/1-8123	AATAAAA----	TCA-C----				ACAA	T-T-AAATAAAAT
drosophila_grimshawi_gca018153295v1rs/1-8123	TGAAAA-----	GCTATC-----				GAAA	A-T-TAATACACT
drosophila_busckii_gca011750605v1rs/1-8123	CAGCAA-----	CGA-T----				TAAA	T-A-A-ATT
bactrocera_neohumeralis_gca024586455v2rs/1-8123	AAG-TA----	AGA-A----				GAAA	T-T-A-----T
coremacera_marginata_gca914767935v1/1-8123	AAT-AT----	AAA-A----				AAAA	T-T-CTG-AA-----T
myopa_tessellatipennis_gca943737955v1/1-8123	AAG-AA----	AAA-T----	TCTT	CAACTTC	TATAAAA	T-T-TGC	AA-----C
machimus_atricapillus_gca933228815v1/1-8123	CAA-TA----	AAA-A----				GAAA	G-T-G-----C

drosophila_melanogaster/1-8123	--AC--G-CA	G----	TTAGC	TC--AACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_mauritiana_gca004382145v1rs/1-8123	--AC--G-CA	G----	TTAGC	CCAACACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_simulans_gca016746395v2rs/1-8123	--AC--G-CA	G----	TTAGC	CCAACACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_sechellia_gca004382195v2rs/1-8123	--AC--G-CA	G----	TTAGC	CCAACACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_erecta_gca003286155v2rs/1-8123	--AC--G-CA	G----	TTAGC	CC--CACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_santomea_gca016746245v2rs/1-8123	--AC--G-CA	G----	TTAGC	CC--AACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_yakuba_gca016746365v2rs/1-8123	--AC--G-CA	G----	TTAGC	CCAACACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_teissieri_gca016746235v2rs/1-8123	--AC--G-CA	G----	TTAGC	CC--CACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_eugracilis_gca018153835v1rs/1-8123	--ACAAA-TA	A----	TTAGC	CA--AACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_biarmipes_gca025231255v1rs/1-8123	--AC--G-AA	G----	TTAGC	CA--AACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	--AC--A-AA	A----	TTAGC	CA--AACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_suzukii_gca013340165v1rs/1-8123	--AC--A-AA	A----	TTAGC	CA--AACGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_takahashii_gca018152695v1rs/1-8123	--A--G-TA	A----	ATAAC	CA--AA-GCT	AGTCA	-----	-----	A-----	---G-----
drosophila_elegans_gca000224195v2rs/1-8123	--ACA-ACAA	A----	TTAGC	CA--ACCGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_gunungcola_gca025200985v1rs/1-8123	--ACA-ACAA	A----	TTAGC	CA--ACCGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	--ACA-A-AA	G----	TTAGC	CA--ACCGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_ficusphila_gca018152265v1rs/1-8123	--ATA-A-AA	AAATC	TTAGC	CA--ACTGCT	AGTCA	-----	-----	A-----	---G-----
drosophila_kikkawai_gca018152535v1rs/1-8123	--ATA-A-AC	G----	TG--	-----	TA-----	-----	-----	A-----	---C-----
drosophila_ananassae_gca017639315v2rs/1-8123	--TGA-A-AA	A----	GT--	-----	TA-----	-----	-----	A-----	---G-----
drosophila_bipectinata_gca000236285v2rs/1-8123	--TCA-A-AA	A----	GT--	-----	TA-----	-----	-----	A-----	---G-----
drosophila_guanche_gca900245975v1rs/1-8123	G-CAA-A-GA	A----	AT--	-----	CG-----	-----	-----	T-----	---A-----
drosophila_subobscura_gca008121235v1rs/1-8123	G-CAA-A-GA	A----	AT--	-----	CG-----	-----	-----	T-----	---A-----
drosophila_obscura_gca018151105v1rs/1-8123	C-CAA-A-GA	A----	AT--	-----	CG-----	-----	-----	A-----	---A-----
drosophila_miranda_gca003369915v2rs/1-8123	C-CAG-A-GA	TCCT	AT--	-----	CG-----	-----	-----	A-----	---G-----
drosophila_persimilis_gca003286085v2rs/1-8123	C-CAG-A-GA	TCCT	AT--	-----	CG-----	-----	-----	A-----	---G-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	C-CAG-A-GA	TCCT	AT--	-----	CG-----	-----	-----	A-----	---G-----
drosophila_willistoni_gca018902025v2rs/1-8123	T-TTT-A-AA	A----	TT--	-----	AA-----	-----	-----	A-----	---A-----
drosophila_albomicans_gca009650485v2rs/1-8123	GTTTA-A-AT	C----	GT--	-----	CA-----	-----	-----	G-----	---A-----
drosophila_innubila_gca004354385v1rs/1-8123	-----	-----	-----	-----	TTACA	ACTGTTATAA	AAAGTA	-----	---A-----
drosophila_arizonae_gca001654025v1rs/1-8123	GAGCA-A-AG	AA--	AT--	-----	AA-----	-----	-----	A-----	---A-----
drosophila_mojavensis_gca018153725v1rs/1-8123	GAGCA-A-AG	AA--	AT--	-----	AA-----	-----	-----	A-----	---A-----
drosophila_navajoa_gca001654015v2rs/1-8123	GAGCA-A-AG	AA--	AT--	-----	AA-----	-----	-----	ATAAA	AAAA
drosophila_hydei_gca003285905v2rs/1-8123	GAATA-A-AA	AA--	AC--	-----	A-----	-----	-----	-----	-----
drosophila_virilis_gca003285735v2rs/1-8123	ATATA-C-GA	AA--	GC--	-----	CA-----	-----	-----	A-----	---A-----
drosophila_grimshawi_gca018153295v1rs/1-8123	AAATG-A---	-----	-----	-----	-----	-----	-----	-----	-----
drosophila_busckii_gca011750605v1rs/1-8123	G-ATA-A-AT	A----	TT--	-----	T-----	-----	-----	-----	-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	T-GTG-C-GG	A----	TC--	-----	GTTTA	-----	-----	A-----	---C-----
coremacera_marginata_gca914767935v1/1-8123	T-TTG-A-AT	A----	AT--	-----	CATTA	-----	-----	C-----	---A-----
myopa_tessellatipennis_gca943737955v1/1-8123	T-GTT-T-GT	A----	AT--	-----	TATTA	-----	-----	A-----	---AGAAAA
machimus_atricapillus_gca933228815v1/1-8123	T-GCA-A-GT	A----	TT--	-----	GCCTA	-----	-----	A-----	---A-----A

[illegible]

drosophila_melanogaster	/1-8123
drosophila_mauritiana_gca004382145vlrs	/1-8123
drosophila_simulans_gca016746395v2rs	/1-8123
drosophila_sechellia_gca004382195v2rs	/1-8123
drosophila_erecta_gca003286155v2rs	/1-8123
drosophila_santomea_gca016746245v2rs	/1-8123
drosophila_yakuba_gca016746365v2rs	/1-8123
drosophila_teissieri_gca016746235v2rs	/1-8123
drosophila_eugracilis_gca018153835vlrs	/1-8123
drosophila_biarmipes_gca025231255vlrs	/1-8123
drosophila_subpulchrella_gca014743375v2rs	/1-8123
drosophila_suzukii_gca013340165vlrs	/1-8123
drosophila_takahashii_gca018152695vlrs	/1-8123
drosophila_elegans_gca000224195v2rs	/1-8123
drosophila_gunungcola_gca025200985vlrs	/1-8123
drosophila_rhopaloea_gca018152115vlrs	/1-8123
drosophila_ficusphila_gca018152265vlrs	/1-8123
drosophila_kikkawai_gca018152535vlrs	/1-8123
drosophila_ananassae_gca017639315v2rs	/1-8123
drosophila_bipectinata_gca000236285v2rs	/1-8123
drosophila_guanche_gca900245975vlrs	/1-8123
drosophila_subobscura_gca008121235vlrs	/1-8123
drosophila_obscura_gca018151105vlrs	/1-8123
drosophila_miranda_gca003369915v2rs	/1-8123
drosophila_persimilis_gca003286085v2rs	/1-8123
drosophila_pseudoobscura_gca009870125v2rs	/1-8123
drosophila_willistoni_gca018902025v2rs	/1-8123
drosophila_albomicans_gca009650485v2rs	/1-8123
drosophila_innubila_gca004354385vlrs	/1-8123
drosophila_arizonae_gca001654025vlrs	/1-8123
drosophila_mojavensis_gca018153725vlrs	/1-8123
drosophila_navajoa_gca001654015v2rs	/1-8123
drosophila_hydei_gca003285905v2rs	/1-8123
drosophila_virilidis_gca003285735v2rs	/1-8123
drosophila_grimshawi_gca018153295vlrs	/1-8123
drosophila_busckii_gca011750605vlrs	/1-8123
bactrocera_neohumeralis_gca024586455v2rs	/1-8123
coremacra_marginata_gca914767935v1	/1-8123
mypopa_tessellatipennis_gca943737955v1	/1-8123
machimus atricapillus_gca933228815v1	/1-8123

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drosophila_melanogaster/1-8123	GCCCCCAA--AAAAGCAAA	CG-----TCG	AACCC--A----	AA----	AA-----
drosophila_mauritiana_gca004382145v1rs/1-8123	GCCCCCAA--AAAAGCAAA	CGGAAAAAAC CG----	TCG AACCC--A----	AA----	AA CAAAAAAC
drosophila_simulans_gca016746395v2rs/1-8123	GCCCCCAA--AAAAGCAAA	CGGAAAAAAC CG----	TCG AGCCC--A----	AA----	AA CAAAAAAC
drosophila_sechellia_gca004382195v2rs/1-8123	G TCCCCAA--AAAAGCAAA	CG-CAAA-AA CG----	TCG AACCC--A----	AA----	AA CAAAAAAC
drosophila_erecta_gca003286155v2rs/1-8123	GCCCCCCC--CAAAAAAAAA	AA-AAAA-AC CG----	TCG ACCCT--		AA-----
drosophila_santomea_gca016746245v2rs/1-8123	GCCCCCCC--CAAAAAAAAA	--C AA-AC CG----	TCG ATCAC--C----	AA----	AA-----
drosophila_yakuba_gca016746365v2rs/1-8123	G-CCCCC--CAAAAAAAAA	--C AA-AC CG----	TCG ATCCC--C----	AAAAAG	AA-----
drosophila_teissieri_gca016746235v2rs/1-8123	GCCCCCCC TC A CA AAAAAAAAA	AGCTAAA-AC CG----	CCG ATCCC--G----	AG----	AA-----
drosophila_eugracilis_gca018153835v1rs/1-8123	GCCCCCCC--A AAAAAAAAA	--CAAAATAA AATAAGTTAA	AAAAAC--C----	AA----	AA-----
drosophila_biarmipes_gca025231255v1rs/1-8123	GCCCC TC -CAGA		GAATC--C----	GA----	AA-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	GCCCCCG--CCAA		AAAAT--C----	GA----	AA-----
drosophila_suzukii_gca013340165v1rs/1-8123	GCCCCCG--CCAA		AAAAT--C----	GA----	AA-----
drosophila_takahashii_gca018152695v1rs/1-8123	GCCCC GA -AAGA	-A--AC GA	AAAAC--C CTAAAA		AA-----
drosophila_elegans_gca000224195v2rs/1-8123	GCCCC GA -AAAA	-G--GC CG	TAAACAGAAC	AG	AG-----
drosophila_gunungcola_gca025200985v1rs/1-8123	GCCCC GA -AAAA	-G--GC CG	TAAACAGAAC	AG	AG-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	GCCCC GA -AAAA	---C CG	AAAAAC--C	AA	AA-----
drosophila_ficusphila_gca018152265v1rs/1-8123	GCCCC GA -AA	---C -A	AAAAA--C	AA	AA-----
drosophila_kikkawai_gca018152535v1rs/1-8123			GC--C	AA	GG-----
drosophila_ananassae_gca017639315v2rs/1-8123					
drosophila_bipectinata_gca000236285v2rs/1-8123					
drosophila_guanche_gca900245975v1rs/1-8123					
drosophila_subobscura_gca008121235v1rs/1-8123					
drosophila_obscura_gca018151105v1rs/1-8123					
drosophila_miranda_gca003369915v2rs/1-8123					
drosophila_persimilis_gca003286085v2rs/1-8123					
drosophila_pseudoobscura_gca009870125v2rs/1-8123					
drosophila_willistoni_gca018902025v2rs/1-8123	.....	.....	.....	.....	.....
drosophila_albomicans_gca009650485v2rs/1-8123	.....	.....	.....	.....	.....
drosophila_innubila_gca004354385v1rs/1-8123	.....	.....	.....	.....	.....
drosophila_arizonae_gca001654025v1rs/1-8123	.....	.....	.....	.....	.....
drosophila_mojavensis_gca018153725v1rs/1-8123	.....	.....	.....	.....	.....
drosophila_navajoa_gca001654015v2rs/1-8123	.....	.....	.....	.....	.....
drosophila_hydei_gca003285905v2rs/1-8123	.....	.....	.....	.....	.....
drosophila_virilis_gca003285735v2rs/1-8123	.....	.....	.....	.....	.....
drosophila_grimshawi_gca018153295v1rs/1-8123	.....	.....	.....	.....	.....
drosophila_busckii_gca011750605v1rs/1-8123	.....	.....	.....	.....	.....
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....	.....

drosophila_melanogaster/1-8123	--AAAA	ATAAGCGAAA	TAGAATATTT	TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_mauritiana_gca004382145v1rs/1-8123	GAAA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_simulans_gca016746395v2rs/1-8123	GAAA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_sechellia_gca004382195v2rs/1-8123	GAAA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_erecta_gca003286155v2rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_santomea_gca016746245v2rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_yakuba_gca016746365v2rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_teissieri_gca016746235v2rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_eugracilis_gca018153835v1rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_biarmipes_gca025231255v1rs/1-8123	--GA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_subpulchrella_gca014743375v2rs/1-8123	--GA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_suzukii_gca013340165v1rs/1-8123	--GA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_takahashii_gca018152695v1rs/1-8123	--AA.....	.....	.....	T TTT--CG--	-----	--CCTGCCA--	-CGTTGTTCG
drosophila_elegans_gca000224195v2rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_gunungcola_gca025200985v1rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_rhopaloea_gca018152115v1rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_ficusphila_gca018152265v1rs/1-8123	--AA.....	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTGCCCCG
drosophila_kikkawai_gca018152535v1rs/1-8123	--AG.....	.....	.....	T TTT--CG--	-----	--CCTGCCA--	-CGTTGTACG
drosophila_ananassae_gca017639315v2rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_biplectinata_gca000236285v2rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_guanche_gca000245975v1rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_subobscura_gca008121235v1rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_obscura_gca018151105v1rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_miranda_gca003369915v2rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_persimilis_gca003286085v2rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----	.....	.....	T TTG--CG--	-----	--CCTGCCA--	-CGTTACCCG
drosophila_willistoni_gca018902025v2rs/1-8123	.....	.....	.....	T TTG--CG--	-----	--CC---A-	-CGTTTAAACG
drosophila_albomicans_gca009650485v2rs/1-8123	.....	.....	.....	T TCGT--CG--	-----	--CC-GCCA-	-CGTTGCCAG
drosophila_innubila_gca004354385v1rs/1-8123	.....	.....	.....	T GTT--GG--	-----	--TC-GCCA-	-CGTTGCCAG
drosophila_arizonae_gca001654025v1rs/1-8123	.....	.....	.....	T TTTGGTG--	-----	--CA-GCCA-	-CGTTGCCAG
drosophila_mojavensis_gca018153725v1rs/1-8123	.....	.....	.....	T TTTGGTG--	-----	--CA-GCCA-	-CGTTGCCAG
drosophila_navajoa_gca001654015v2rs/1-8123	.....	.....	.....	T TTTGGTG--	-----	--CA-GCCA-	-CGTTGCCAG
drosophila_hydei_gca003285905v2rs/1-8123	.....	.....	.....	T TTTGGTG--	-----	--CC-GCCA-	-CGTTGCCAG
drosophila_virilis_gca003285735v2rs/1-8123	.....	.....	.....	T TTA--CG--	-----	--TC-GCCA-	-CGTTGCCAG
drosophila_grimshawi_gca018153295v1rs/1-8123	.....	.....	.....	A TTT--CAAA-	-----	CAATC-GCCA-	-CGTTGCCAG
drosophila_busckii_gca011750605v1rs/1-8123	.....	.....	.....	T TTG--CG--	-----	--CC-GCCA-	-CGTTGCCCA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	T TCT--CC--	-----	--CC-TGTGT	ACGTTGAACG
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	T TTT--CG--	-----	--CT-GGTGA	TTGTTAATCC
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	C TTT--CG--	-----	--CC-CTCGT	CCGTTGCCCCG
machimus_atricapillus_gca933228815v1/1-8123	.....	.....	.....	T GCT--CCGAG	CAGCGTCGCT	GACC-GG---	AAGTGGAATT

drosophila_melanogaster/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_mauritiana_gca004382145v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_simulans_gca016746395v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_sechellia_gca004382195v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_erecta_gca003286155v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_santomea_gca016746245v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_yakuba_gca016746365v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_teissieri_gca016746235v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_eugracilis_gca018153835v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_biarmipes_gca025231255v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_subpulchrella_gca014743375v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_suzukii_gca013340165v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_takahashii_gca018152695v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_elegans_gca000224195v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_gunungcola_gca025200985v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_rhopaloea_gca018152115v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_ficusphila_gca018152265v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_kikkawai_gca018152535v1rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_ananassae_gca017639315v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_bipectinata_gca000236285v2rs/1-8123	TAAAAGACGT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_guanche_gca900245975v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_subobscura_gca008121235v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_obscura_gca018151105v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_miranda_gca003369915v2rs/1-8123	TAAAAGACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_persimilis_gca003286085v2rs/1-8123	TAAAAGACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TAAAAGACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCT--
drosophila_willistoni_gca018902025v2rs/1-8123	TTAAAGACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACCTAG
drosophila_albomicans_gca009650485v2rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_innubila_gca004354385v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_arizonae_gca001654025v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_mojavensis_gca018153725v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_navajoa_gca001654015v2rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_hydei_gca003285905v2rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_virilis_gca003285735v2rs/1-8123	TAAAAGACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_grimshawi_gca018153295v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
drosophila_busckii_gca011750605v1rs/1-8123	TAAAAGACTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCA--
bactrocera_neohumeralis_gca024586455v2rs/1-8123	AAAA-GACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GGGACTCT--
coremacera_marginata_gca914767935v1/1-8123	TAAA-ATCTT	CAAAACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGAGCATA	GAGACTCT--
myopa_tessellatipennis_gca943737955v1/1-8123	CAAA-GACTT	CAAGACG---	--GTTGCCTC	AC-----G	GTTTCGAGTGG	AATGATCACA	GGGACTCT--
machimus_atricapillus_gca933228815v1/1-8123	TAAG-GACTT	TTGGACATCC	CCGCCGCCTT	ACTCAGGCCA	GTATCAATCG	AATTCGCGGA	GGATTACC--

drosophila_melanogaster/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_mauritiana_gca004382145v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_simulans_gca016746395v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_sechellia_gca004382195v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_erecta_gca003286155v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_santomea_gca016746245v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_yakuba_gca016746365v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_teissieri_gca016746235v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_eugracilis_gca018153835v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_biarmipes_gca025231255v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_subpulchrella_gca014743375v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_suzukii_gca013340165v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_takahashii_gca018152695v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_elegans_gca000224195v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_gunungcola_gca025200985v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_rhopaloea_gca018152115v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_ficusphila_gca018152265v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_kikkawai_gca018152535v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_ananassae_gca017639315v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_bipectinata_gca000236285v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_guanche_gca900245975v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_subobscura_gca008121235v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_obscura_gca018151105v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_miranda_gca003369915v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_persimilis_gca003286085v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TGTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_willistoni_gca018902025v2rs/1-8123	TGGTCT----	TGGTCCTTTTC	GATAGATCGG	TTTACAAAGT	CGTTAAACTG	AGCCCCAATT	TGGAGCCCTA
drosophila_albomicans_gca009650485v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_innubila_gca004354385v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_arizonae_gca001654025v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_mojavensis_gca018153725v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_navajoa_gca001654015v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_hydei_gca003285905v2rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_virilis_gca003285735v2rs/1-8123	-GGGCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_grimshawi_gca018153295v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
drosophila_busckii_gca011750605v1rs/1-8123	-GGTCT----	T---CCTTTTC	GATCGATCGG	TCTACAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-GGTCT----	T---CCTTTTT	GACAGATCGG	TTTTTTAAGGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
coremacera_marginata_gca914767935v1/1-8123	-GGTCT----	T---TCTTTTT	GACAGATCGG	TCTTTTAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
myopa_tessellatipennis_gca943737955v1/1-8123	-GGTCT----	T---CCTTTTT	GACAGATCGG	TCTTCAAAGT	CGTTAAACTG	AGCCCCAACT	TGGAGCCCTA
machimus_atricapillus_gca933228815v1/1-8123	-CGCCTGAAC	C---GCCCTA	GTCAGAGCAA	TCTCTTAAGT	CGTTAAACTG	AGCCCCAATT	TGGAGCCCTA

<i>drosophila_melanogaster</i> /1-8123	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACGCCG
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACTTCGTA	CATGACGCCG
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACTTCGTA	CATGACGCCG
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACTTCGTA	CATGACGCCG
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACGCCG
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACGCCG
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACGCCG
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACTTCGTA	CATGACGCCG
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACACCG
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CGACCTCGTA	CATGACCCCG
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACGTCGTA	CATGACCCCT
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACGTCGTA	CATGACCCCT
<i>drosophila_guanche_gca900245975v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	TATGACGCCG
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	TATGACGCCG
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	TATGACGCCG
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	TATGACGCCG
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	TATGACGCCG
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	TATGACGCCG
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CAACATCGTA	CATGTCGCCA
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TCAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	CATGACGCCG
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TCAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACACCG
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACACCG
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACACCG
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACGCCG
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACACCG
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACGCCG
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	TATGACACCG
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TCAACAGCCC	CAGAGCGGTG	GGGATGGCCG	CTACCTCCTA	CATGACGCCG
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	TAGAGCGGTG	GGGATGGCCG	CCACCTCATA	TATGACACCG
<i>coremacera_marginata_gca914767935v1/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	TAGAGCGGTG	GGGATGGCCG	CCACCTCGTA	CATGACACCG
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TGAACAGCCC	TAGAGCGGTG	GGGATGGCCG	CCACATCGTA	CATGACTCCG
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	CCCCGCCAGC	GTGGAGGGCC	TAAATAGCCC	TAGAGCGGTG	GGGATG----	--ACCACATA	CATGACACCG

drosophila_melanogaster/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_mauritiana_gca004382145v1rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_simulans_gca016746395v2rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_sechellia_gca004382195v2rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_erecta_gca003286155v2rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_santomea_gca016746245v2rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_yakuba_gca016746365v2rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_teissieri_gca016746235v2rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_eugracilis_gca018153835v1rs/1-8123	CCGAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGT	-----
drosophila_biarmipes_gca025231255v1rs/1-8123	CCGAGC	---G	GTGACCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	CCGAGC	---G	GTGACCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_suzukii_gca013340165v1rs/1-8123	CCGAGC	---G	GTGACCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_takahashii_gca018152695v1rs/1-8123	CCGACGTCGG		GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGT	-----
drosophila_elegans_gca000224195v2rs/1-8123	CCGAGC	---G	GCGACCTGGA	CCTGGCCCT	-----G	-----	-----	GGC	-----
drosophila_gunungcola_gca025200985v1rs/1-8123	CCGAGC	---G	GTGACCTGGA	CCTGGCCCT	-----G	-----	-----	GGC	-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	CCGAGC	---G	GCGACCTGGA	CATGGCCCT	-----C	-----	-----	GGA	-----
drosophila_ficusphila_gca018152265v1rs/1-8123	CCGAGC	---G	GCGACCTGGA	CATGGCGCT	-----C	-----	-----	GGC	-----
drosophila_kikkawai_gca018152535v1rs/1-8123	CCCAGC	---G	GTGATCTGGA	CATGGCCCT	-----C	-----	-----	GGC	GGCGGCGGCG
drosophila_ananassae_gca017639315v2rs/1-8123	CCGAGC	---G	GCGACCTGGA	CATGGCCCT	-----C	-----	-----	GGC	-----
drosophila_bipectinata_gca000236285v2rs/1-8123	CCGAGC	---G	GCGACCTGGA	CATGGCCCT	-----T	-----	-----	GGC	-----
drosophila_guanche_gca900245975v1rs/1-8123	CCCAGC	---G	GTGATCTGGA	CATGGCGCT	-----CG	GC	-----	GGCGGTGGC	-----
drosophila_subobscura_gca008121235v1rs/1-8123	CCCAGC	---G	GTGATCTTGA	CATGGCCCT	-----CG	GC	-----	GGCGGCGGC	-----
drosophila_obscura_gca018151105v1rs/1-8123	CCCAGC	---G	GTGATCTTGA	TATGGCCCT	-----CG	GC	-----	GGCGGCGGC	-----
drosophila_miranda_gca003369915v2rs/1-8123	CCCAGC	---G	GTGATCTTGA	CATGGCCCT	-----CG	GC	-----	GGCGGCGGC	-----
drosophila_persimilis_gca003286085v2rs/1-8123	CCCAGC	---G	GTGATCTTGA	CATGGCCCT	-----CG	GC	-----	GGCGGCGGC	-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CCCAGC	---G	GTGATCTTGA	CATGGCCCT	-----CG	GT	-----	GGCGGCGGC	-----
drosophila_willistoni_gca018902025v2rs/1-8123	CCAAGT	---G	CCGAACCTGGA	CATGGCTCT	-----GGGCG	GC	-----	GGAGGCGGC	-----
drosophila_albomicans_gca009650485v2rs/1-8123	CCCAGC	---G	GTGATCTCGA	CATGGCACT	-----CG	GC	-----	GGT	GGA
drosophila_innubila_gca004354385v1rs/1-8123	CCGAGC	---G	GTGATCTCGA	CATGGCACT	-----CG	GCGGC	-----	GGCGGTGGC	-----
drosophila_arizonae_gca001654025v1rs/1-8123	CCCAGC	---G	GTGATCTAGA	TATGGCCCTC	GGCGGTGGCG	GCGGCGGAGG	TGGCGGCGGC	-----	-----
drosophila_mojavensis_gca018153725v1rs/1-8123	CCCAGC	---G	GTGATCTAGA	CATGGCCCTC	GGCGGTGGCG	GCGGCGGAGG	CGGCGGCGGC	-----	-----
drosophila_navajoa_gca001654015v2rs/1-8123	CCCAGC	---G	GTGATCTAGA	CATGGCCCTC	GGCGGTGGCG	GCGGCGGAGG	CGGTGGCGGC	-----	-----
drosophila_hydei_gca003285905v2rs/1-8123	CCCAGC	---G	GTGATCTTGA	CATGGCCCTC	GGTGGTGGCG	GCGGC	-----	GGCGGCGGT	-----
drosophila_virilis_gca003285735v2rs/1-8123	CCCAGC	---G	GCGATCTCGA	CATGGCGCT	-----GG	GTGGC	-----	GGCGGCGGC	-----
drosophila_grimshawi_gca018153295v1rs/1-8123	CCCAGC	---G	GTGATCTCGA	CATGGCTCT	-----CG	GTGGC	-----	GGCGGTGGC	-----
drosophila_busckii_gca011750605v1rs/1-8123	CCCAGC	---G	GTGATCTCGA	CATGGCCCT	-----CG	GC	-----	GGCGGCGGC	-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	TCCAGC	---G	GTGATCTAGA	TATGGCGCT	-----AG	GT	-----	GGTGGGGGT	-----
coremacera_marginata_gca914767935v1/1-8123	TCCAGC	---G	GTGATCTCGA	CATGGCGCT	-----TG	GT	-----	GGCGGCGGC	-----
myopa_tessellatipennis_gca943737955v1/1-8123	TCCAGC	---G	GCGACCTCGA	CTTGGCGCT	-----GG	GC	-----	GGCGGCGGC	-----
machimus_atricapillus_gca933228815v1/1-8123	GCCTCA	---G	GTGATCTAGA	AATGGCCCT	-----GG	GCGGC	-----	GGTGGTGGT	-----

drosophila_melanogaster/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCG	TCGGCGGCTG	ATGCCGGTGA
drosophila_mauritiana_gca004382145v1rs/1-8123	-----G----	-----GCG--	----GTGGAT	ATCACACCTC	GTGCGCCGCGT	TCGGCGGCGG	ATGCCGGTGA
drosophila_simulans_gca016746395v2rs/1-8123	-----G----	-----GCG--	----GTGGAT	ATCACACCTC	GTGCGCCGCGC	TCGGCGGCGG	ATGCCGGTGA
drosophila_sechellia_gca004382195v2rs/1-8123	-----G----	-----GCG--	----GTGGAT	ATCACACCTC	GTGCGCCGCGC	TCGGCGGCGG	ATGCCGGTGA
drosophila_erecta_gca003286155v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGT	TCGGCGGCGG	ATGCCGGTGA
drosophila_santomea_gca016746245v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGT	TCGGCGGCGG	ATGCCGGTGA
drosophila_yakuba_gca016746365v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGT	TCGGCGGCGG	ATGCCGGTGA
drosophila_teissieri_gca016746235v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGT	TCGGCTGCGG	ATGCCGGTGA
drosophila_eugracilis_gca018153835v1rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGT	TCCGCTGCGAG	ATGCCGGTGA
drosophila_biarmipes_gca025231255v1rs/1-8123	-----G----	-----GCG--	----GCGGCT	ATCACACCTC	GTGCGCCGCGA	TCGGCGGCGG	ATGCCGGTGA
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGA	TCGGCGGCGG	ATGCCGGTGA
drosophila_suzukii_gca013340165v1rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGA	TCAGCGGCGG	ATGCCGGTGA
drosophila_takahashii_gca018152695v1rs/1-8123	-----GGCGG	CGGCGGCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGA	TCGGCGGCGG	ATGCCGGCGA
drosophila_elegans_gca000224195v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ACCACACGTC	GTGCGCCGCGC	TCGGCGGCGG	ACGCGGGTGA
drosophila_gunungcola_gca025200985v1rs/1-8123	-----G----	-----GCG--	----GTGGCT	ACCACACCTC	GTGCGCCGCGC	TCGGCGGCGG	ACGCGGGTGA
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----G----	-----GCG--	----GTGGCT	ACCACACCTC	GTGCGCCGCGC	TCGGCGGCGG	ACGCGGGTGA
drosophila_ficusphila_gca018152265v1rs/1-8123	-----G----	-----GCG--	----GCGGCT	ACCACACCTC	GTGCGCCGCGC	TCGGCGGCGG	ACGCGGGTGA
drosophila_kikkawai_gca018152535v1rs/1-8123	GCGGTG----	-----GCG--	----GTGGCT	ATCACACCTC	CTCGCCCCGT	TCCGCGGCGG	ATGCCGGTGA
drosophila_ananassae_gca017639315v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ACCACACCTC	GTGCGCCCCGT	TCGGCGGCGG	ATGCCGGTGA
drosophila_bipectinata_gca000236285v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	GTGCGCCGCGC	TCGGCGGCGG	ATGCTGGTGA
drosophila_guanche_gca00245975v1rs/1-8123	--GGTG----	-----GCG--	----GTGGCT	ATCACACATC	CTCGCCCCGA	TCGGCGGCGG	ATGCCGGCGA
drosophila_subobscura_gca008121235v1rs/1-8123	--GGTG----	-----GCG--	----GTGGCT	ATCACACATC	CTCGCCCCGT	TCGGCGGCGG	ATGCCGGCGA
drosophila_obscura_gca018151105v1rs/1-8123	--GGTG----	-----GCG--	----GTGGCT	ATCACACATC	CTCGCCCCGT	TCGGCGGCGG	ATGCCGGCGA
drosophila_miranda_gca003369915v2rs/1-8123	--GGAG----	-----GCG--	----GTGGCT	ATCACACATC	TTCGCCCCGC	TCGGCGGCGG	ATGCCGGCGA
drosophila_persimilis_gca003286085v2rs/1-8123	--GGAG----	-----GCG--	----GTGGCT	ATCACACATC	TTCGCCCCGC	TCGGCGGCGG	ATGCCGGCGA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	--GGAG----	-----GCG--	----GTGGCT	ATCACACATC	TTCGCCCCGC	TCGGCGGCGG	ATGCCGGCGA
drosophila_willistoni_gca018902025v2rs/1-8123	-----G----	-----GTG--	----GTGGCT	ATCACACCTC	CTCGCCGCGA	TCGGCCACAG	ATGCCGGCGA
drosophila_albomicans_gca009650485v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACCTC	CTCGCCCCGC	TCCGCTGCGG	ATGCCGGCGA
drosophila_innubila_gca004354385v1rs/1-8123	-----G----	-----GTGGC	GGTGGTGGTT	ATCACACATC	CTCGCCCCGC	TCCGCGGCGG	ATGCTGGGGA
drosophila_arizonae_gca001654025v1rs/1-8123	-----G----	-----GTG--	----GTGGCT	ATCACACATC	CTCGCCCCGC	TCGGCGGCGG	ATGCTGGCGA
drosophila_mojavensis_gca018153725v1rs/1-8123	-----G----	-----GTG--	----GTGGCT	ATCACACATC	CTCGCCCCGC	TCGGCGGCGG	ATGCTGGCGA
drosophila_navajoa_gca001654015v2rs/1-8123	-----G----	-----GTG--	----GTGGCT	ATCACACATC	CTCGCCCCGC	TCGGCGGCGG	ATGCTGGCGA
drosophila_hydei_gca003285905v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACATC	CTCGCCCCGC	TCGGCGGCGG	ATGCTGGCGA
drosophila_virilis_gca003285735v2rs/1-8123	-----G----	-----GCG--	----GTGGCT	ATCACACATC	CTCGCCCCGA	TCCGCGGCGG	ATGCCGGTGA
drosophila_grimshawi_gca018153295v1rs/1-8123	-----G----	-----G--	----TGGCT	ATCACACCTC	ATCGCCCCGC	TCTGCGGCGG	ATGCCGGCGA
drosophila_busckii_gca011750605v1rs/1-8123	-----G----	-----GCG--	----GTGGCT	ACCACACCAG	CTCGCCACGC	AGTGCCGCGG	ATGCCGGCGA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	-----	-----T	ATCATACTTC	ATCACCCCGA	TCGGCGGCGG	ATGCCGGCGA
coremacera_marginata_gca914767935v1/1-8123	-----	-----	-----T	ACCACACATC	GTGCGCCACGA	TCAGCCACCG	ACGCCGGTGA
myopa_tessellatipennis_gca943737955v1/1-8123	-----	-----	-----T	ACCACACCTC	GTGCGCCCCG	TCGGCCACCG	ACGCCGGCGA
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	-----T	ATCATACATC	TTCACCTCGG	AGTGCAGCTG	ATGCCGGCGA

drosophila_melanogaster/1-8123	AATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCCG	CTGCCGCGGC	AGCT-----
drosophila_mauritiana_gca004382145v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCCG	CCGCCGCGGC	AGCT-----
drosophila_simulans_gca016746395v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCCG	CCGCCGCGGC	AGCT-----
drosophila_sechellia_gca004382195v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAC	-----GCTG	CCGCCGCGGC	AGCT-----
drosophila_erecta_gca003286155v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCCG	CCGCCGCGGC	AGCT-----
drosophila_santomea_gca016746245v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCCG	CTGCCGCGGC	AGCT-----
drosophila_yakuba_gca016746365v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCCG	CTGCCGCGGC	AGCT-----
drosophila_teissieri_gca016746235v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----GCTG	CCGCTGCGGC	AGCT-----
drosophila_eugracilis_gca018153835v1rs/1-8123	GATGAAGTAT	ATGCAACATC	ATCATCATC	-----ATCAT	-----GCCG	CCGCCGCGGC	AGCT-----
drosophila_biarmipes_gca025231255v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCACC	-----ACCAC	-----GCCG	CCGCCGCGGC	AGCC-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ACCAT	-----GCCG	CCGCCGCTGC	AGCT-----
drosophila_suzukii_gca013340165v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ACCAT	-----GCAG	CCGCCGCGGC	AGCC-----
drosophila_takahashii_gca018152695v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCACCATC	-----ATCAT	-----GCCG	CCGCCGCGGC	AGCC-----
drosophila_elegans_gca000224195v2rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCACCATC	-----ACCAT	-----GTGG	CCGCCGCGGC	GGCC-----
drosophila_gunungcola_gca025200985v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCACCATC	-----ACCAT	-----GTGG	CCGCCGCGGC	GGCC-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCACCACC	-----ACCAT	-----GTGG	CTGCCGCGGC	GGCC-----
drosophila_ficusphila_gca018152265v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ACCATCACC	-----ACCAT	-----GCCG	CCGCAGCGGC	CGCC-----
drosophila_kikkawai_gca018152535v1rs/1-8123	GATGAAGTAC	ATGCAGCACC	ATCATCATC	-----ATCAT	-----TCCG	CCGTCGCCGC	AGCA-----
drosophila_ananassae_gca017639315v2rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCACCATC	-----ACCAT	-----GCCG	CAGCCGCGGC	GGCA-----
drosophila_bipectinata_gca000236285v2rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCACCATC	-----ACCAT	-----GCCG	CTGCTGCGGC	GGCA-----
drosophila_guanche_gca900245975v1rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCATCATC	-----ATCAT	-----GCCG	CAGCAGCAGC	TGCGGCCAGT
drosophila_subobscura_gca008121235v1rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCATCATC	-----ATCAT	-----GCCG	CAGCAGCAGC	TGCGGCCAGT
drosophila_obscura_gca018151105v1rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCATCATC	-----ATCAT	-----GCCG	CAGCCGCGGC	GGCGGCCAGT
drosophila_miranda_gca003369915v2rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCATCATC	-----ATCAT	-----GCAG	CAGCCGCGGC	GGCAGCCAGT
drosophila_persimilis_gca003286085v2rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCATCATC	-----ATCAT	-----GCAG	CAGCCGCGGC	GGCAGCCAGT
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GATGAAGTAC	ATGCAACACC	ATCATCATC	-----ATCAT	-----GCAG	CAGCCGCGGC	GGCAGCCAGT
drosophila_willistoni_gca018902025v2rs/1-8123	GATGAAATAT	ATGCAACAGC	ATCATCATCT	GCAGCATCAT	CATGCTGCAG	CCGCTGCAGC	AGCGGC---C
drosophila_albomicans_gca009650485v2rs/1-8123	AATGAAGTAC	ATGCAGCATC	ATCACCATC	-----ATCAT	-----GCTG	CCGCCGTGGC	AGCCGC---T
drosophila_innubila_gca004354385v1rs/1-8123	GATGAAGTAC	ATGCAGCATC	ATCATCATC	-----ATCAT	-----GCCG	CTGTGGCTGC	GGCA-----
drosophila_arizonae_gca001654025v1rs/1-8123	AATGAAGTAC	ATGCAGCATC	ACCACCATC	-----ATCAT	-----GCTG	CCGTTGCCGC	TGCCGC---T
drosophila_mojavensis_gca018153725v1rs/1-8123	AATGAAGTAC	ATGCAGCATC	ACCACCATC	-----ATCAT	-----GCAG	CCGTTGCCGC	TGCCGC---T
drosophila_navajoa_gca001654015v2rs/1-8123	AATGAAGTAC	ATGCAGCATC	ACCACCATC	-----ATCAT	-----GCAG	CCGTTGCCGC	TGCCGC---T
drosophila_hydei_gca003285905v2rs/1-8123	AATGAAGTAC	ATGCAGCATC	ACCACCATC	-----ACCAT	-----GCAG	CAGTCGCTGC	AGCCGC---T
drosophila_virilis_gca003285735v2rs/1-8123	GATGAAGTAC	ATGCAGCATC	ATCATCATC	-----ATCAT	-----GCCG	CCGTTGCCGC	GGCCGC---C
drosophila_grimshawi_gca018153295v1rs/1-8123	AATGAAATAT	ATGCAGCATC	ATCATCATC	-----ACCAT	-----GCCG	CTGTGCGCCG	GGCTGC---T
drosophila_busckii_gca011750605v1rs/1-8123	GATGAAGTAC	ATGCAGCATC	ATCATCATC	-----ACCAT	-----GCTG	CCGTCGCCGC	AGCCGC---C
bactrocera_neohumeralis_gca024586455v2rs/1-8123	AATGAAATAT	ATGCAACATC	ATCATCATC	-----ACGCC	-----GCCG	CTGCTGCCGC	-----
coremacera_marginata_gca914767935v1/1-8123	AATGAAATAT	ATGCAGCACC	ATCATCACC	-----ACCAC	-----GCCA	CTTCT	-----
myopa_tessellatipennis_gca943737955v1/1-8123	AATGAAGTAC	ATGCAGCACC	ACCAGCACC	-----ACCAC	-----GCCA	CCGCG	-----
machimus_atricapillus_gca933228815v1/1-8123	AATGAAGTAC	ATGCAGCATC	ACCACCATC	-----ACCA	-----	T	-----

drosophila_melanogaster/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCGTCGCC	ATCGCCCAAT	G-----
drosophila_mauritiana_gca004382145v1rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCGTCGCC	ATCGCCCAAT	G-----
drosophila_simulans_gca016746395v2rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCGTCGCC	ATCGCCCAAT	G-----
drosophila_sechellia_gca004382195v2rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCGTCGCC	ATCGCCCAAT	G-----
drosophila_erecta_gca003286155v2rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCGTCGCC	ATCGCCCAAT	G-----
drosophila_santomea_gca016746245v2rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCATCGCC	ATCGCCCAAT	G-----
drosophila_yakuba_gca016746365v2rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCATCGCC	ATCGCCCAAT	G-----
drosophila_teissieri_gca016746235v2rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCATCGCC	ATCGCCCAAT	G-----
drosophila_eugracilis_gca018153835v1rs/1-8123	G-----C-	-----	---CCATCA-	--TCAGTTGC	CCTCGTCGCC	ATCGCCCAAT	G-----
drosophila_biarmipes_gca025231255v1rs/1-8123	G-----C-	-----	---CCATCA-	--TCAGTTGC	CCTCGTCGCC	CTCGCCCAAT	G-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	G-----C-	-----	---CCATCA-	--TCAGTTGC	CCTCGTCGCC	GTGCCCCAAT	G-----
drosophila_suzukii_gca013340165v1rs/1-8123	G-----C-	-----	---CCATCA-	--TCAGTTGC	CCTCGTCGCC	CTCGCCGAAT	G-----
drosophila_takahashii_gca018152695v1rs/1-8123	G-----C-	-----	---CCATCA-	--TCAGTTGC	CCTCGTCGCC	GTGCCCGAAT	G-----
drosophila_elegans_gca000224195v2rs/1-8123	G-----T-	-----	---CCATCA-	--CCAGTTGC	CCTCGTCGCC	GTGCCCCAAT	G-----
drosophila_gunungcola_gca025200985v1rs/1-8123	G-----T-	-----	---CCATCA-	--CCAGTTGC	CCTCGTCGCC	GTGCCCCAAT	G-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	G-----C-	-----	---CCACCA-	--TCAGTTGC	CCTCGTCGCC	GTGCCCCAAT	G-----
drosophila_ficusphila_gca018152265v1rs/1-8123	G-----C-	-----	---TCACCA-	--CCAGTTGC	CCTCGTCGCC	GTGCCCGAAT	G-----
drosophila_kikkawai_gca018152535v1rs/1-8123	GCAGCCGC-	-----	---ACATCA-	--TCAGTTGC	CCTCGTCGCC	GTGCCCCAAT	G-----
drosophila_ananassae_gca017639315v2rs/1-8123	G-----C-	-----	---CCATCA-	--CCAATTGC	CCTCGTCCCC	GTGCCCCAAT	G-----
drosophila_bipectinata_gca000236285v2rs/1-8123	G-----C-	-----	---CCATCA-	--TCAGTTGC	CCTCGTCCCC	GTGCCCCAAT	G-----
drosophila_guanche_gca900245975v1rs/1-8123	G-----C-	-----	---ACATCA-	--CCAGTTGC	CCTCCTCCCC	GTGCCCCAAT	G-----
drosophila_subobscura_gca008121235v1rs/1-8123	G-----C-	-----	---ACATCA-	--CCAGTTGC	CCTCCTCACC	GTGCCCCAAT	G-----
drosophila_obscura_gca018151105v1rs/1-8123	G-----C-	-----	---CCATCA-	--CCAGTTGC	CCTCCTCCCC	GTGCCCCAAT	G-----
drosophila_miranda_gca003369915v2rs/1-8123	G-----C-	-----	---CCATCA-	--CCAGTTGC	CCTCCTCCCC	GTGCCCCAAT	G-----
drosophila_persimilis_gca003286085v2rs/1-8123	G-----C-	-----	---CCATCA-	--CCAGTTGC	CCTCCTCCCC	GTGCCCCAAT	G-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	G-----C-	-----	---CCATCA-	--CCAGTTGC	CCTCCTCCCC	GTGCCCCAAT	G-----
drosophila_willistoni_gca018902025v2rs/1-8123	G-----C-	-----	---CCATCAA	CAACAGTTGC	CGTCGTCACC	GTGCCCCAAT	G-----
drosophila_albomicans_gca009650485v2rs/1-8123	G-----CCT	CGGCCTCACA	---CCATCAG	CAACAGTTGC	CCTCATCACC	ATCGCCCAAT	G-----
drosophila_innubila_gca004354385v1rs/1-8123	-----G-	CGGCA	---CACCAG	CAACAGTTGC	CATCGTCGCC	CTCGCCCAAT	G-----
drosophila_arizonae_gca001654025v1rs/1-8123	G-----CC	-----TCACA	---CCATCAA	CAGCAGTTGC	CATCGTCGCC	ATCGCCCAAC	G-----
drosophila_mojavensis_gca018153725v1rs/1-8123	G-----CC	-----TCACA	---CCATCAA	CAGCAGTTGC	CATCGTCGCC	ATCGCCCAAC	G-----
drosophila_navajoa_gca001654015v2rs/1-8123	G-----CC	-----TCACA	---CCATCAA	CAGCAGTTGC	CATCGTCGCC	ATCGCCCAAC	G-----
drosophila_hydei_gca003285905v2rs/1-8123	G-----CC	-----TCACA	---TCATCAA	CAGCAGTTGC	CATCGTCGCC	GTGCCCCAAT	G-----
drosophila_virilis_gca003285735v2rs/1-8123	G-----CTT	CGGCATCACA	---CCACCAG	CAGCAGTTGC	CGTCGTCGCC	ATCGCCCAAC	G-----
drosophila_grimshawi_gca018153295v1rs/1-8123	G-----CAT	CCGCATCGCA	GCACCATCAG	CAGCAGTTGC	CATCGTCGCC	ATCGCCCAAT	G-----
drosophila_busckii_gca011750605v1rs/1-8123	G-----CTT	CGGCCTCACA	---TCATCAA	CAGCAGTTGC	CCTCGTCGCC	CTCGCCCAAC	G-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	-----	-----CCAC	CATCAGCTAC	CCTCATCGCC	TAGCCCGAAT	GCAGTTGTGG
coremacera_marginata_gca914767935v1/1-8123	-----	-----	-----CAC	CACCAGCTGC	CATCGTCTCC	TAGTCCAAAT	GCCATTGTGG
myopa_tessellatipennis_gca943737955v1/1-8123	-----	-----	-----CAC	CACCAGCTGC	CGTCGTCGCC	CAGTCCGAAT	GGGCTCGTCG
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	-----CAT	CATCAAGTGC	CCTCGTCGCC	GAGTCCAAAT	ACCGGCGGCG

drosophila_melanogaster/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GACT--	T
drosophila_mauritiana_gca004382145v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GACT--	T
drosophila_simulans_gca016746395v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GACT--	T
drosophila_sechellia_gca004382195v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GACT--	T
drosophila_erecta_gca003286155v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GTCT--	G
drosophila_santomea_gca016746245v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GCCT--	G
drosophila_yakuba_gca016746365v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTG	GC-----	-----G--	---GCCT--	G
drosophila_teissieri_gca016746235v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGAG	GC-----	-----G--	---GTTT--	G
drosophila_eugracilis_gca018153835v1rs/1-8123	-GTCAG----	-----G-	GTAAT	GGCA	CC-----	-----G--	---GTCT--	C
drosophila_biarmipes_gca025231255v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGCA	CC-----	-----G--	---GACT--	C
drosophila_subpulchrella_gca014743375v2rs/1-8123	-GCCAG----	-----G-	GCAAT	GGCA	CA-----	-----G--	---GATT--	G
drosophila_suzukii_gca013340165v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGCA	CA-----	-----G--	---GATT--	G
drosophila_takahashii_gca018152695v1rs/1-8123	-GTCAGCAG-	-----G-	GCAAT	GG--	-----	-----	-----	
drosophila_elegans_gca000224195v2rs/1-8123	-GCCAG----	-----G-	GCAAC	GGGA	CG-----	-----G--	---GTTT--	G
drosophila_gunungcola_gca025200985v1rs/1-8123	-GCCAG----	-----G-	GCAAC	GGGA	CG-----	-----G--	---GCTT--	G
drosophila_rhopaloea_gca018152115v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGTA	CG-----	-----G--	---GCTT--	G
drosophila_ficusphila_gca018152265v1rs/1-8123	-GCCAG----	-----G-	GCAAC	GGCA	CC-----	-----G--	---GCTTGGG	
drosophila_kikkawai_gca018152535v1rs/1-8123	-GTCAG----	-----G-	GCAAT	GGCA	CT-----	-----G--	---GCCT--	G
drosophila_ananassae_gca017639315v2rs/1-8123	-GCCAG----	-----G-	GCAAC	GGCA	CT-----	-----GGT	GGA--CT--	G
drosophila_bipectinata_gca000236285v2rs/1-8123	-GCCAG----	-----G-	GCAAC	GGCA	CT-----	-----GGC	GGA--TT--	G
drosophila_guanche_gca900245975v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGCG	GTGGC----	-----GGTG--	---GCTT--	G
drosophila_subobscura_gca008121235v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGCG	GTGGC----	-----GGTG--	---GCTT--	G
drosophila_obscura_gca018151105v1rs/1-8123	-GCCAG----	-----G-	GCAAT	GGCG	GTGGC----	-----GGAG--	---GATT--	G
drosophila_miranda_gca003369915v2rs/1-8123	-GCCAG----	-----G-	GAAAC	GGCG	GTGGC----	-----GGAG--	---GACT--	G
drosophila_persimilis_gca003286085v2rs/1-8123	-GCCAG----	-----G-	GAAAC	GGCG	GCGGC----	-----GGAG--	---GCCT--	G
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-GCCAG----	-----G-	GAAAC	GGCG	GCGGC----	-----GGAG--	---GCCT--	G
drosophila_willistoni_gca018902025v2rs/1-8123	-GAAAT----	-----G-	GCAGC	GGCG	--GC-----	-----GGTG--	---GC-----	
drosophila_albomicans_gca009650485v2rs/1-8123	-GTCAG----	-----GT	TCAGGGTG	-G	CGGAC----	-----AGGGCAA	CA-GCTT--	G
drosophila_innubila_gca004354385v1rs/1-8123	-GACAG----	-----GT	GCAGGGCC	-A	GGGGC----	-----AGGGCAA	CA-GCTT--	G
drosophila_arizonae_gca001654025v1rs/1-8123	-GGCAG----	-----GT	GCA-----		---AC-----	-----AGGGCAA	CA-GTCT--	G
drosophila_mojavensis_gca018153725v1rs/1-8123	-GGCAG----	-----GT	GCA-----		---AC-----	-----AGGGCAA	CA-GTCT--	G
drosophila_navajoa_gca001654015v2rs/1-8123	-GGCAG----	-----GT	GCA-----		---AC-----	-----AGGGCAA	CA-GCCT--	G
drosophila_hydei_gca003285905v2rs/1-8123	-GACAG----	-----GT	GCA-----		---AC-----	-----AGGGCAA	CA-GCTT--	G
drosophila_virilis_gca003285735v2rs/1-8123	-GACAG----	-----GT	GCAGGGCG	-G	CGGGC----	-----AGGGCAA	CA-GTTT--	G
drosophila_grimshawi_gca018153295v1rs/1-8123	-GCCAG----	-----GT	GGTGGGTG	-G	GGGGC----	-----AGGGCAA	CA-GCTT--	G
drosophila_busckii_gca011750605v1rs/1-8123	-GGCAA----	-----GT	GCAGGGCG	--	---GGC-----	-----AGGGCAA	CA-GTTT--	G
bactrocera_neohumeralis_gca024586455v2rs/1-8123	GTGGAGCGGG	TGGTGCGGGA	GCAGGTGGTA	CTGGAGGTCT	GGGTGTCTCA	GCGAGTGGGC	TT-AGTT--	C
coremacera_marginata_gca914767935v1/1-8123	GAGGAG----	-----GT	GCAGGTGGCG	CTGGC----	-----	---AGTGGAC	TT-AGTT--	C
myopa_tessellatipennis_gca943737955v1/1-8123	GCGG----	-----	--CGGCGGCC	CCGTC----	-----	---GGCGGCC	TC-AGCT--	C
machimus_atricapillus_gca933228815v1/1-8123	GATTAG----	-----G-	-----	---T-----	-----	---AGTG----	-----	

drosophila_melanogaster/1-8123	---GGA--TT	GGGTTCCGGT	TCCGGGTTGG	GCTCATGGAG	TGCCCTC---	CATCC---GG	ATCCGTGG--
drosophila_mauritiana_gca004382145v1rs/1-8123	---GGA--TT	GGGTTCCGGT	TCCGGGTTGG	GCTCATGGAG	TGCCCTC---	CATCC---GG	ATCCGTGG--
drosophila_simulans_gca016746395v2rs/1-8123	---GGA--TT	GGGTTCCGGT	TCCGGGTTGG	GCTCATGGAG	TGCCCTC---	CATCC---GG	ATCCGTGG--
drosophila_sechellia_gca004382195v2rs/1-8123	---GGA--TT	GGGTTCCGGT	TCCGGGTTGG	GCTCATGGAG	TGCCCTC---	CATCC---GG	ATCCGTGG--
drosophila_erecta_gca003286155v2rs/1-8123	---GGA--TT	GGGTCCCGGT	TCCGGGTTGG	GCTCATGGAG	TGCCCTA---	CATCC---CG	ATCCGTGG--
drosophila_santomea_gca016746245v2rs/1-8123	---GGA--CT	GGGTCCCGGT	TCCGGTTTGG	GCTCTTGGAG	TGCCCTG---	CATCC---GG	ATCCGTGG--
drosophila_yakuba_gca016746365v2rs/1-8123	---GGA--CT	GGGTCCCGGT	TCCGGTTTGG	GCTCATGGAG	TGCCCTG---	CATCC---GG	ATCCGTGG--
drosophila_teissieri_gca016746235v2rs/1-8123	---GGA--CT	GGGTCCCGGT	TCCGGATTGG	GCTCATGGAG	TGCCCTG---	CATCC---GG	ATCCGTGG--
drosophila_eugracilis_gca018153835v1rs/1-8123	---GGA--TT	GGGTCCCGGT	TCCAGGATTGG	GCTCATGGAG	TGCCCTA---	CATCC---GG	ATCCATGGTC
drosophila_biarmipes_gca025231255v1rs/1-8123	---GGC--CT	GGGTCCCGGC	TCCGGGCTGG	GCTCGTGGAG	TGCCCTG---	CATCC---GG	ATCCGTGGTC
drosophila_subpulchrella_gca014743375v2rs/1-8123	---GGC--CT	GGGTCCCGGC	TCCGGACTGG	GCTCTTGGAG	TGCCCTC---	CATCC---GG	ATCCGTGGTC
drosophila_suzukii_gca013340165v1rs/1-8123	---GGA--CT	GGGTCCCGGC	TCCGGGCTGG	GCTCTTGGAG	TGCCCTC---	CATCC---GG	ATCCATGGTC
drosophila_takahashii_gca018152695v1rs/1-8123	-----C--TT	GAGTCTGGGA	TCCGGCCTGG	GCTCATGGAG	TGCCCTC---	CATCC---GG	ACCCCTGGTC
drosophila_elegans_gca000224195v2rs/1-8123	---GGT--CT	GGGTCCCGGC	TCCGGACTGG	GCTCCTGGAG	CGCCCTG---	CATCC---GG	ATCCCTGGTC
drosophila_gunungcola_gca025200985v1rs/1-8123	---GGT--CT	GGGTCCCGGA	TCCGGACTGG	GCTCGTGGAG	CGCCCTG---	CATCC---GG	ATCCCTGGTC
drosophila_rhopaloea_gca018152115v1rs/1-8123	---GGT--CT	GGGACCCGGC	TCCGGCCTGG	GCTCCTGGAG	TGCCCTC---	CATCC---GG	ACCCCTGGTC
drosophila_ficusphila_gca018152265v1rs/1-8123	---GGA--CT	GGGTCCCGGC	TCCGGATTGG	GTTTCATGGAG	TGCCTTG---	CATCC---TG	ATCCGTGGTC
drosophila_kikkawai_gca018152535v1rs/1-8123	---GGC--TT	GGGTCCCGGC	TCCGGACTGG	GTTCTTGGAG	CACACTG---	CATCC---GG	ATCCCTGGTC
drosophila_ananassae_gca017639315v2rs/1-8123	GGTGGC--CT	GGGGCCCCGGC	TCCAGTCTGG	GTTTCGTGGAG	TGCCCTG---	CACCC---GG	ATCCGTGGTC
drosophila_bipectinata_gca000236285v2rs/1-8123	GGTGGC--CT	GGGGCCCCGGC	TCCGGCCTGG	GTTTCGTGGAG	TGCCCTG---	CACCC---GG	ATCCGTGGTC
drosophila_guanche_gca900245975v1rs/1-8123	GGCGGA--CT	GGGTCCCGGC	TCTGGTCTGG	GCTCATGGAG	CGCCCTG---	CATCC---CG	ATCCGTGGTC
drosophila_subobscura_gca008121235v1rs/1-8123	GGCGGA--CT	GGGTCCCGGC	TCTGGTCTGG	GCTCATGGAG	CGCCCTG---	CATCC---CG	ATCCGTGGTC
drosophila_obscura_gca018151105v1rs/1-8123	GGTGGC--CT	GGGACCCGGT	TCCGGTCTGG	GCTCATGGAG	CGCCCTG---	CATCC---CG	ATCCGTGGTC
drosophila_miranda_gca003369915v2rs/1-8123	GGCGGA--TT	GGGTCCCGGT	TCCGGTCTGG	GCTCATGGAG	CGCCTTG---	CATCC---CG	ATCCGTGGTC
drosophila_persimilis_gca003286085v2rs/1-8123	GGCGGA--TT	GGGTCCCGGT	TCCGGTCTGG	GCTCGTGGAG	CGCCTTG---	CATCC---CG	ATCCGTGGTC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GGCGGA--TT	GGGTCCCGGT	TCCGGTCTGG	GCTCGTGGAG	CGCCTTG---	CATCC---CG	ATCCGTGGTC
drosophila_willistoni_gca018902025v2rs/1-8123	-----CTAG	GATCGTGGAG	TGCCCTGGCC	CATGC---TG	ATCCCTGGTC		
drosophila_albomicans_gca009650485v2rs/1-8123	GGCGGA--CT	GACGCCCCGGC	TCCGGGCTGG	GCAGCTGGAG	TGCATTG---	CATCC---GG	ATCCGTGGTC
drosophila_innubila_gca004354385v1rs/1-8123	GGCGGC--CT	GACGCCCCGGC	TCCGGATTGG	GCAGCTGGAG	TGCATTG---	CATCC---GG	ATACGTGGTC
drosophila_arizonae_gca001654025v1rs/1-8123	GGCGGC--CT	GACGCCCCGGC	TCCGGGCTGG	GCAGCTGGAG	CGCCCTG---	CATCC---GG	ATCCGTGGTC
drosophila_mojavensis_gca018153725v1rs/1-8123	GGCGGC--CT	GACGCCCCGGC	TCCGGGCTGG	GCAGCTGGAG	CGCCCTG---	CATCC---GG	ATCCGTGGTC
drosophila_navajoa_gca001654015v2rs/1-8123	GGCGGC--CT	GACGCCCCGGC	TCCGGGCTGG	GCAGCTGGAG	CGCCCTG---	CATCC---GG	ATCCGTGGTC
drosophila_hydei_gca003285905v2rs/1-8123	GGCGGC--CT	GACACCGGGC	TCTGGGCTGG	GCAGCTGGAG	TGCTTTG---	CATCC---GG	ATCCGTGGTC
drosophila_virilis_gca003285735v2rs/1-8123	GGCGGC--CT	GACGCCCCGGC	TCCGGCCTGG	GTAGCTGGAG	CGCCTTG---	CATCC---GG	ATCCGTGGTC
drosophila_grimshawi_gca018153295v1rs/1-8123	AGCGGC--TT	GACGCCCCGGT	TCCGGTCTGG	GCAGCTGGAG	TGCTTTG---	CATCC---CG	ATCCGTGGTC
drosophila_busckii_gca011750605v1rs/1-8123	GGCGGC--CT	GACGCCCCGGC	TCCGGACTGG	GCAGCTGGAG	CGCGCTG---	CATCC---GG	ATCCCTGGTC
bactrocera_neohumeralis_gca024586455v2rs/1-8123	GATCACACCC	TCTGGTAGTT	TAGGCTCAAA	TCAC--TGGAC	CCCTTTG---	CATCCCTCAG	ATCCATGGGC
coremacera_marginata_gca914767935v1/1-8123	GGTGACACCA	ACCGGTGGTC	TTGGCGCTAA	TCCG--TGGAC	TGCTCTG---	CACCCCTCAG	ACCCCTGGGC
myopa_tessellatipennis_gca943737955v1/1-8123	GATAACGCCC	ACGGGCGGCT	TGGGCGCCAA	CCCT--TGGAC	CGCTCTG---	CACCCCTCGG	ATCCGTGGGC
machimus_atricapillus_gca933228815v1/1-8123	-----TA--	ACAAGTGGGC	TGGGGGGGAA	TCCC--TGGAC	GGCCCTG---	CATCCCTCGG	ACCCATGGGC

drosophila_melanogaster/1-8123	-ATGCAAA--	----CCCATC	AT--ACGCA	CCATCTGCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_mauritiana_gca004382145v1rs/1-8123	-ATGCAAA--	----CCCATC	AT--ACGCA	CCATCTGCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_simulans_gca016746395v2rs/1-8123	-ATGCAAA--	----CCCATC	AT--ACGCA	CCATCTGCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_sechellia_gca004382195v2rs/1-8123	-ATGCAAA--	----CCCATC	AT--ACGCA	CCATCTGCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_erecta_gca003286155v2rs/1-8123	-ATGCAAA--	----CCCATC	AT--ACGCA	CCATCTGCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_santomea_gca016746245v2rs/1-8123	-ATGCAAA--	----CGCATC	AT--ACGCA	TCATCTGCCC	GCCGCTGCT-	-----GC--	-----CGTT
drosophila_yakuba_gca016746365v2rs/1-8123	-ATGCAAA--	----CGCATC	AT--ACGCA	TCATCTGCCC	GCCGCTGCT-	-----GC--	-----CGTT
drosophila_teissieri_gca016746235v2rs/1-8123	-ATGCAAA--	----CGCATC	AT--ACGCA	CCATCTGCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_eugracilis_gca018153835v1rs/1-8123	ACTGCCAA--	----GCCATC	AT--ACTCA	CCATCATCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_biarmipes_gca025231255v1rs/1-8123	CCTGCCCA--	----CCCATC	AC--ACGCA	CCATCATCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_subpulchrella_gca014743375v2rs/1-8123	CCTGCCAA--	----CCCATC	AT--ACGCA	CCATCATCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_suzukii_gca013340165v1rs/1-8123	CCTGCCCA--	----CCCATC	AT--ACGCA	CCATCATCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_takahashii_gca018152695v1rs/1-8123	CCTGCCCA--	----CCCATC	AT--ACGCA	CCATCATCCC	GCCGCCGCT-	-----GC--	-----CGTT
drosophila_elegans_gca000224195v2rs/1-8123	GCTGCCCA--	----CGCACC	AC--ACACA	TCACCATCCC	GCCGCCGCCG	CT--GC--	-----CGTT
drosophila_gunungcola_gca025200985v1rs/1-8123	GCTGCCCA--	----CGCACC	AC--ACACA	CCACCATCCC	GCCGCCGCCG	CT--GC--	-----CGTT
drosophila_rhopaloea_gca018152115v1rs/1-8123	CCTGCCCA--	----CGCACC	AC--ACGCA	CCACCATCCC	GCCGCCGCCG	CC--GC--	-----CGTC
drosophila_ficusphila_gca018152265v1rs/1-8123	CCTGCCAA--	----CGCACC	AC--ACGCA	CCACCATCCC	GCCGCCGCC-	-----GC--	-----CGTG
drosophila_kikkawai_gca018152535v1rs/1-8123	ACTGCCCA--	----CGCATC	AT--ACGCA	CCATCATCCC	GCTGCTGCCG	CCGCTGC--	-----CGTT
drosophila_ananassae_gca017639315v2rs/1-8123	ACTGCCGA--	----CCCATC	AC--ACGCA	CCATCATCCC	GCCGCCGCCG	CCGCTGC--	-----CGTT
drosophila_bipectinata_gca000236285v2rs/1-8123	ACTGCCGA--	----CCCATC	AC--ACGCA	CCATCATCCC	GCCGCCGCCG	CCGCTGC--	-----CGTC
drosophila_guanche_gca900245975v1rs/1-8123	GTTGCAGA--	----CACATC	AT--ACGCA	TCACCATCCC	GCCGCCGCA-	-----GC--	-----CGTG
drosophila_subobscura_gca008121235v1rs/1-8123	GTTGCAGA--	----CACATC	AT--ACGCA	TCACCATCCC	GCCGCCGCA-	-----GC--	-----CGTG
drosophila_obscura_gca018151105v1rs/1-8123	GTTGCCCA--	----CACACC	AT--ACGCA	TCACCATCCC	GCCGCCGCA-	-----GC--	-----CGTG
drosophila_miranda_gca003369915v2rs/1-8123	GTTGCCCA--	----CACACC	AC--ACGCA	CCACCATCCC	GCCGCCGCA-	-----GC--	-----TGTG
drosophila_persimilis_gca003286085v2rs/1-8123	GTTGCCCA--	----CACACC	AT--ACGCA	CCACCATCCC	GCCGCCGCA-	-----GC--	-----TGTG
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GCTGCCCA--	----CACACC	AC--ACGCA	CCACCATCCC	GCCGCCGCA-	-----GC--	-----TGTG
drosophila_willistoni_gca018902025v2rs/1-8123	TCTGCCCT--	----CGCATC	AT--ACACA	TCATCATCCC	GCCGCCTCGG	CTGCCGCATC	TTTGGCCGCT
drosophila_albomicans_gca009650485v2rs/1-8123	ATTGCAGA--	----CACATC	ATACGACGCA	TCATCATCCC	GCCGCCGCTG	CCGCTG--	-----
drosophila_innubila_gca004354385v1rs/1-8123	GCTGCCCA--	----CACACC	ATACGACGCA	TCATCATCCC	GCC-----G	CCGTTG--	-----
drosophila_arizonae_gca001654025v1rs/1-8123	CCTGCCCA--	----CACATC	ACACGACGCA	CCATCATCCC	GCCGCCGCCG	CCGTGC--	-----
drosophila_mojavensis_gca018153725v1rs/1-8123	CCTGCCCATC	ACATCACATC	ACACGACGCA	CCATCATCCC	GCCGCCGCCG	CCGTGC--	-----
drosophila_navajoa_gca001654015v2rs/1-8123	CCTGCCCA--	----CACATC	ACACGACGCA	CCATCATCCC	GCCGCCGCCG	CCGTGC--	-----
drosophila_hydei_gca003285905v2rs/1-8123	CCTGCCCA--	----CCCATC	ATACGACGCA	CCATCATCCC	GCCGCCGCCG	CTGTGC--	-----
drosophila_virilis_gca003285735v2rs/1-8123	ACTGCCCA--	----CACATC	ATACGACGCA	TCATCATCCC	GCCGCCGCCG	CTGCCG--	-----
drosophila_grimshawi_gca018153295v1rs/1-8123	GCTGCCAA--	----CACATC	ATGCGACGCA	TCATCATCCC	GCCGCCGCCG	CCGTGC--	-----
drosophila_busckii_gca011750605v1rs/1-8123	ACTGCAGT--	----CCCATC	ACACAACGCA	CCATCATCCC	GCCACAGCGG	GCGCCG--	-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	GTCGATGA--	----CACATC	AT--ACACA	CCATCATCCC	GCGGACGCG-	-----	-----
coremacera_marginata_gca914767935v1/1-8123	CTTGCAAA--	----CGCATC	AT--ACACA	TCACCATCCT	GCCGATGCG-	-----	-----
myopa_tessellatipennis_gca943737955v1/1-8123	CCTGCAGA--	----CGCACC	AC--ACACA	CCATCATCCC	GCCGACGCG-	-----	-----
machimus_atricapillus_gca933228815v1/1-8123	ACTGCAGT--	----CGCACC	AC--ACACA	TCACCAACCT	GCCGAC--	-----	-----

drosophila_melanogaster/1-8123	GCCTCGG---	CCGCTGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_mauritiana_gca004382145v1rs/1-8123	GCCTCGG---	CAGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_simulans_gca016746395v2rs/1-8123	GCCTCGG---	CAGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_sechellia_gca004382195v2rs/1-8123	GCCTCGG---	CAGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_erecta_gca003286155v2rs/1-8123	GCCTCGG---	CCGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_santomea_gca016746245v2rs/1-8123	GCCTCGG---	CCGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAA	CAGACGCGCA
drosophila_yakuba_gca016746365v2rs/1-8123	GCCTCGG---	CCGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAA	CAGACGCGCA
drosophila_teissieri_gca016746235v2rs/1-8123	GCCTCGG---	CCGCCGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_eugracilis_gca018153835v1rs/1-8123	-----G---	CTGCGGATAC	TGTGAAGCAA	GAG---ATGT	C---ACA---	TCTCTCCCGA	CAAACGCGCA
drosophila_biarmipes_gca025231255v1rs/1-8123	GCCCAGG---	CGGCGGACAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TATCTCGCAG	CAGACGCGCA
drosophila_subpulchrella_gca014743375v2rs/1-8123	GCC-----	--GCGGATAC	TGTCAAGCAG	GAG---ATGT	C---ACA---	TCTCTCGCAG	CAAACGCGCA
drosophila_suzukii_gca013340165v1rs/1-8123	GCCTCGG---	CGGCGGATAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_takahashii_gca018152695v1rs/1-8123	GCCTCGGTTG	CAGCGGATAC	CGTCAAGCAG	GAG---ATGT	C---GCAGCA	TCTCTCCCGA	CAGACGCGCA
drosophila_elegans_gca000224195v2rs/1-8123	GCCTCGG---	CGGCCGACAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_gunungcola_gca025200985v1rs/1-8123	GCCTCGG---	CGGCCGACAC	CGTCAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_rhopaloea_gca018152115v1rs/1-8123	GCCTCGG---	CGGCCGATAC	CGTCAAGCAG	GAG---ATG-	-----CA---	CCTCTCGCAG	CAGACGCGCA
drosophila_ficusphila_gca018152265v1rs/1-8123	GCCTCGG---	CGGCCGACAC	CGTGAAGCAG	GAG---ATGT	C---GCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_kikkawai_gca018152535v1rs/1-8123	GCCTCGG---	CGGCCGACAC	AGTGAAGCAG	GAG---ATGT	C---ACA---	TCTCTCCCGA	CAGACGAGGA
drosophila_ananassae_gca017639315v2rs/1-8123	GCCTCGG---	CGGCTGACAC	AGTGAAGCAG	GAG---ATGT	C---CCA---	TCTCTCGCAG	CAGACTCGCA
drosophila_bipectinata_gca000236285v2rs/1-8123	GCCTCGG---	CGGCCGACAC	AGTGAAGCAG	GAG---ATGT	C---CCA---	TCTCTCGCAG	CAGACTCGCA
drosophila_guanche_gca000245975v1rs/1-8123	GCCTCGG---	CGGCCGACAC	CGTCAAGCAG	GAG---ATGT	C---CCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_subobscura_gca008121235v1rs/1-8123	GCCTCGG---	CGGCCGACAC	CGTCAAGCAG	GAG---ATGT	C---CCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_obscura_gca018151105v1rs/1-8123	GCCTCGG---	CGGCCGACAC	CGTCAAGCAG	GAG---ATGT	C---CCA---	TCTCTCGCAG	CAGACGCGCA
drosophila_miranda_gca003369915v2rs/1-8123	GCCTCGG---	CAGCGGACAC	CGTCAAGCAG	GAG---ATGT	CCCAGCA---	TCTGTGCGCAG	CAGACGCGCA
drosophila_persimilis_gca003286085v2rs/1-8123	GCCTCGG---	CAGCGGACAC	CGTCAAGCAG	GAG---ATGT	CCCAGCA---	TCTGTGCGCAG	CAGACGCGCA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GCCTCGG---	CAGCGGACAC	CGTCAAGCAG	GAG---ATGT	CCCAGCA---	TCTGTGCGCAG	CAGACGCGCA
drosophila_willistoni_gca018902025v2rs/1-8123	GCCGCTG---	CCGTCGATAC	GGTAAAGCAG	GAGCAAATGT	C---CCA---	TTTGACGCGA	CAGACGCGCA
drosophila_albomicans_gca009650485v2rs/1-8123	----CTG---	CCGTCGATTG	GGTGAAGCAG	GAG---ATGT	C---GCA---	TCTGACGCAA	CAGACGCGCA
drosophila_innubila_gca004354385v1rs/1-8123	----CTG---	CCGTTGACTC	CGTCAAGCAG	GAG---ATGT	C---ACA---	TTTGTGCGAA	CAGACGCGCA
drosophila_arizonae_gca001654025v1rs/1-8123	----CAG---	CCGTTGACTC	CGTCAAGCAG	GAG---ATGT	C---ACA---	TTTGTCCCAA	CAGACGCGCA
drosophila_mojavensis_gca018153725v1rs/1-8123	----CAG---	CCGTTGACTC	CGTCAAGCAG	GAG---ATGT	C---ACA---	TTTGTCCCAA	CAGACGCGCA
drosophila_navajoa_gca001654015v2rs/1-8123	----CAG---	CCGTTGACTC	CGTCAAGCAG	GAG---ATGT	C---ACA---	TTTGTCCCAA	CAGACGCGCA
drosophila_hydei_gca003285905v2rs/1-8123	----CAG---	CCGTTGACTC	TGTCAAGCAG	GAG---ATGT	C---ACA---	CTTGTGCGAA	CAGACGCGCA
drosophila_virilis_gca003285735v2rs/1-8123	----CAG---	CCGTTGACTC	CGTCAAGCAG	GAG---ATGT	C---ACA---	TCTGACACAG	CAGACGCGCA
drosophila_grimshawi_gca018153295v1rs/1-8123	----CCG---	CCGTTGACTC	CGTTAAACAG	GAG---ATGT	C---ACA---	TTTGTGCGAA	CAGACGCGCA
drosophila_busckii_gca011750605v1rs/1-8123	----TGG---	GCGTCGATTG	CGTCAAACAG	GAG---ATGT	C---CCA---	TCTCTCGCAA	CAGACGCGCA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----G	-----	--TGAAGCAA	GAG---ATGT	C---CCA---	TTTATCACAG	CAGTCACGCG
coremacera_marginata_gca914767935v1/1-8123	-----G	-----	--TGAAGCAA	GAG---ATGT	C---CCA---	CCTCTCCCGA	CAGTCACGTG
myopa_tessellatipennis_gca943737955v1/1-8123	-----G	-----	--TGAAGCAG	GAG---ATGT	C---GCA---	CCTGACGCAA	CAGTCGCGCG
machimus_atricapillus_gca933228815v1/1-8123	-----G	-----	--TAAAGCAG	GAG---ATGT	C---ACA---	CTTAACGCAA	CAAAGTAGGG

drosophila_melanogaster/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCC---	CA
drosophila_mauritiana_gca004382145v1rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCC---	CA
drosophila_simulans_gca016746395v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CTCCC---	CA
drosophila_sechellia_gca004382195v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCC---	CA
drosophila_erecta_gca003286155v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_santomea_gca016746245v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----ACA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_yakuba_gca016746365v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_teissieri_gca016746235v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_eugracilis_gca018153835v1rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCTGCC--	---	TGGCATG	CTCCA---	CA
drosophila_biarmipes_gca025231255v1rs/1-8123	TCCAGCAGGG	CATGG-----	CCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_subpulchrella_gca014743375v2rs/1-8123	TCCAGCAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_suzukii_gca013340165v1rs/1-8123	TCCAGCAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_takahashii_gca018152695v1rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	TGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_elegans_gca000224195v2rs/1-8123	TCCAACAGGG	CATGG-----	CCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_gunungcola_gca025200985v1rs/1-8123	TCCAGCAGGG	CATGG-----	CCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_rhopaloea_gca018152115v1rs/1-8123	TCCAGCAGGG	CATGG-----	CCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_ficusphila_gca018152265v1rs/1-8123	TCCAGCAGGG	CATGG-----	CCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_kikkawai_gca018152535v1rs/1-8123	TTCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----GCA	TGCCGCC--	---	TGGCATG	CTCCA---	CA
drosophila_ananassae_gca017639315v2rs/1-8123	TCCAGCAGAG	CATGGCCTCG	CCCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_bipectinata_gca000236285v2rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----CCA	CGCCGCC--	---	TGGCAGC	CCCCC---	CA
drosophila_guanche_gca900245975v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCACC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCA---	CA
drosophila_subobscura_gca008121235v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCA---	CA
drosophila_obscura_gca018151105v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CACCA---	CA
drosophila_miranda_gca003369915v2rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCA---	CA
drosophila_persimilis_gca003286085v2rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCA---	CA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCTCGCC--	-----CCA	TGCCGCC--	---	TGGCATG	CCCCA---	CA
drosophila_willistoni_gca018902025v2rs/1-8123	TTCAGCAGGG	CATGGCATCG	CCCTCGCCAC	ATGCCGTGGC	AGCGGCC--	---	TGGCATG	CTCCC---	CA
drosophila_albomicans_gca009650485v2rs/1-8123	TACAACAGGG	CATGGCATCG	CCACATGC--	-----CGC	TGCCGCAGCG	GCG	TGGCATG	CCCCA---	CA
drosophila_innubila_gca004354385v1rs/1-8123	TCCAACAGGG	CATGGCCTCG	CCCCATGC--	-----GGC	AGCCGCG--	---	TGGCATG	CCCCA---	CA
drosophila_arizonae_gca001654025v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCACATGC--	-----TGC	GGCGCCG--	---	TGGCATG	CACCA---	CA
drosophila_mojavensis_gca018153725v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCGCATGC--	-----TGC	GGCGCCG--	---	TGGCATG	CACCA---	CA
drosophila_navajoa_gca001654015v2rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCGCATGC--	-----CGC	GGCGCCG--	---	TGGCATG	CCCCA---	CA
drosophila_hydei_gca003285905v2rs/1-8123	TCCAACAGGG	CATGGCCTCG	CCGCACGC--	-----TAC	AGCCCGG--	---	TGGCATG	CACCA---	CA
drosophila_virilis_gca003285735v2rs/1-8123	TCCAACAGGG	CATGGCATCG	CCGCACGC--	-----AGC	CGCCGCA--	---	TGGCATG	CCCCG---	CA
drosophila_grimshawi_gca018153295v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCACATGC--	-----GGC	CGCGGCA--	---	TGGCATG	CGCCA---	CA
drosophila_busckii_gca011750605v1rs/1-8123	TCCAGCAGGG	CATGGCCTCG	CCCCACAC--	-----CGC	CGCGCCC--	---	TGGCAGC	CCCCA---	CA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	TTCACAAGG	CATGGCATCC	CCACA-----	-----	TACA-----	---	TGGCAGC	CACCGGTTCA	
coremacera_marginata_gca914767935v1/1-8123	TGCAGCAGGG	TATGGCGTCA	CCACA-----	-----	CGCA-----	---	TGGCATG	CCCCAGTGCA	
myopa_tessellatipennis_gca943737955v1/1-8123	TGCAGCAAGG	CATGGCATCG	CCCCA-----	-----	CGCC-----	---	TGGCAGC	CCCCCGTACA	
machimus_atricapillus_gca933228815v1/1-8123	CACAACAGGG	TATGGGTCG	CCGCA-----	-----	TACG-----	---	TGGCAGC	CCCCGGTGCA	

drosophila_melanogaster/1-8123	T---GCG---	GGACACTATG	CGCCAAACGGG	C-----GGG	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_mauritiana_gca004382145v1rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGG	TCTCCGTTGC	AGTACCATCA	T-----GCC
drosophila_simulans_gca016746395v2rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGC	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_sechellia_gca004382195v2rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGC	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_erecta_gca003286155v2rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGA	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_santomea_gca016746245v2rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGA	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_yakuba_gca016746365v2rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGA	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_teissieri_gca016746235v2rs/1-8123	T---GCG---	GGACACTATG	CGCCCACGGG	C-----GGA	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_eugracilis_gca018153835v1rs/1-8123	C---GCC---	GGACACTATG	CGTCAACGGG	C-----GGT	TCACCGTTGC	AGTACCATCA	T-----GCC
drosophila_biarmipes_gca025231255v1rs/1-8123	C---GCG---	GGCCACTATG	CGCCCACGGG	C-----GGC	TCGCCGCTGC	AGTACCACCA	T-----GCC
drosophila_subpulchrella_gca014743375v2rs/1-8123	C---GCG---	GGTCACTATG	CGCCCACGGG	C-----GGC	TCGCCGCTGC	AGTACCATCA	T-----GCC
drosophila_suzukii_gca013340165v1rs/1-8123	T---GCG---	GGCCACTATG	CGCCCACGGG	T-----GGC	TCGCCCTTGC	AGTACCATCA	T-----GCC
drosophila_takahashii_gca018152695v1rs/1-8123	TCATGCG---	GGTCACTATG	CGCCCACGGG	A-----GGA	TCACCGTTGC	AGTACCATCA	T-----GCG
drosophila_elegans_gca000224195v2rs/1-8123	T---GCG---	GGTCACTATG	CGCCCACGGG	C-----GGC	TCGCCGCTGC	AGTACCACCA	T-----GCG
drosophila_gunungcola_gca025200985v1rs/1-8123	T---GCG---	GGCCACTATG	CGCCCACGGG	C-----GGC	TCACCGCTGC	AGTACCACCA	T-----GCA
drosophila_rhopaloea_gca018152115v1rs/1-8123	C---GCC---	GGACACTATG	CGACCACGGG	C-----GGC	TCGCCGCTCC	AGTACCACCA	T-----GCG
drosophila_ficusphila_gca018152265v1rs/1-8123	C---GCC---	GGCCACTATG	CGTCGACGGG	C-----GGT	TCGCCGCTGC	AGTACCACCA	C-----GCG
drosophila_kikkawai_gca018152535v1rs/1-8123	T---GCC---	GGTCACTATG	CACCAAGC--	-----GGA	TCGCCGCTGG	GCTATCATCA	T-----GCG
drosophila_ananassae_gca017639315v2rs/1-8123	T---GCC---	GGCCACTATG	CGCCCACG--	-----GGA	TCGCCGCTGC	AGTACCACCA	T-----GCG
drosophila_bipectinata_gca000236285v2rs/1-8123	T---GCC---	GGCCACTATG	CGCCCACG--	-----GGA	TCGCCGCTGC	AGTACCACCA	T-----GCG
drosophila_guanche_gca900245975v1rs/1-8123	C---GCC---	GGCCACTATG	CCCCGACG--	----GGCGGC	TCTCCGTTGC	AGTACCACCA	T-----GCG
drosophila_subobscura_gca008121235v1rs/1-8123	C---GCC---	GGCCACTATG	CCCCGACG--	----GGCGGC	TCTCCGTTGC	AGTACCACCA	T-----GCG
drosophila_obscura_gca018151105v1rs/1-8123	T---GCC---	GGCCACTATG	CCCCGACG--	----GGCGGC	TCTCCGTTGC	AGTACCACCA	T-----GCG
drosophila_miranda_gca003369915v2rs/1-8123	C---GCC---	GGCCACTACG	CCCCGACT--	----GGCGGC	TCCCCGTTGC	AGTACCACCA	C-----GCA
drosophila_persimilis_gca003286085v2rs/1-8123	C---GCC---	GGCCACTACG	CCCCGACT--	----GGCGGC	TCCCCGTTGC	AGTACCACCA	C-----GCA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	C---GCC---	GGCCACTACG	CCCCGACT--	----GGCGGC	TCCCCGTTGC	AGTACCACCA	C-----GCA
drosophila_willistoni_gca018902025v2rs/1-8123	T---GCG---	GGTCATTATG	CGCCCGCC--	-ACTGGAGGA	TCTCCGCTGC	AGCAGTATCA	TCATGTGGCA
drosophila_albomicans_gca009650485v2rs/1-8123	T---GCC---	GGACACTATG	CGCCCACG--	----GGCGGC	TCACCGTTGC	AGTATCATCA	T-----GCC
drosophila_innubila_gca004354385v1rs/1-8123	T---GCG---	GGCCACTATG	CACCCACC--	----GGCGGT	TCGCCGTTGC	AGTACCATCA	T-----GCG
drosophila_arizonae_gca001654025v1rs/1-8123	C---GCC---	GGCCACTATG	CGTCCACG--	----GGCGGC	TCCCCGTTGC	AGTACCATCA	C-----GCG
drosophila_mojavensis_gca018153725v1rs/1-8123	C---GCC---	GGCCACTATG	CGTCCACG--	----GGCGGC	TCCCCCTTGC	AGTACCACCA	C-----GCG
drosophila_navajoa_gca001654015v2rs/1-8123	C---GCC---	GGCCACTATG	CGTCCACG--	----GGCGGC	TCCCCGTTGC	AGTACCACCA	T-----GCG
drosophila_hydei_gca003285905v2rs/1-8123	T---GCC---	GGACACTATG	CGCCCACG--	----GGTGGC	TCCCCGTTGC	AGTATCATCA	T-----GCG
drosophila_virilis_gca003285735v2rs/1-8123	T---GCG---	GGTCACTATG	CACCCACC--	----GGCGGA	TCGCCGCTGC	AGTATCATCA	T-----GCG
drosophila_grimshawi_gca018153295v1rs/1-8123	T---GCC---	GGTCACTATG	CACCCACG--	----GGTGGC	TCACCGCTGC	AATATCATCA	T-----GCG
drosophila_busckii_gca011750605v1rs/1-8123	C---GCC---	GGCCACTATG	CGCCCACT--	----GGCGGC	TCGCCGCTGC	AGTATCATCA	T-----GCC
bactrocera_neohumeralis_gca024586455v2rs/1-8123	T---ACA---	ACACACTATG	TTCCGACG--	----GGTGGT	TCGCCTTTGC	AATATCACCA	T-----GCG
coremacera_marginata_gca914767935v1/1-8123	C---GCAGCT	GCCCATTACG	CACCCACT--	----GGTGGC	TCACCGCTGC	AGTACCATCA	T-----GCA
myopa_tessellatipennis_gca943737955v1/1-8123	C---GCCGCC	GCCCATTATG	CGCCCAAC--	----GGCGGC	TCGCCGCTGC	AGTACCATCA	C-----GCG
machimus_atricapillus_gca933228815v1/1-8123	C---GCA---	ACACACTACG	CGCCGACG--	----GGAGGC	TCTCCCTTGC	AATACCATCC	A-----TCA

drosophila_melanogaster/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGTTG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_mauritiana_gca004382145v1rs/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGTTG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_simulans_gca016746395v2rs/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGTTG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_sechellia_gca004382195v2rs/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGTTG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_erecta_gca003286155v2rs/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGCAG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_santomea_gca016746245v2rs/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGCCG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_yakuba_gca016746365v2rs/1-8123	---ATGAACG	GAATGCTCCA	TCATCCGGCC	CATGCGGCCG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_teissieri_gca016746235v2rs/1-8123	---ATGAACG	GAATGTTGCA	TCATCCGGCT	CATGCAGCCG	CAGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_eugracilis_gca018153835v1rs/1-8123	---ATGAACG	GGATGCTGCA	TCATCCGGCA	CATGCGGCTG	CAGCGGCCCA	TCATCAGAGT	GT---GGCTC
drosophila_biarmipes_gca025231255v1rs/1-8123	---ATGAACG	GGATGCTCCA	TCATCCGGCA	CATGCGGCCG	CGGCGGCCCA	TCACCAGAGC	GT---GGCGC
drosophila_subpulchrella_gca014743375v2rs/1-8123	---ATGAACG	GGATGCTCCA	TCATCCGGCA	CATGCGGCCG	CTGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_suzukii_gca013340165v1rs/1-8123	---ATGAACG	GGATGCTCCA	TCATCCGGCA	CATGCGGCCG	CTGCGGCCCA	TCATCAGAGT	GT---GGCGC
drosophila_takahashii_gca018152695v1rs/1-8123	---ATGAACG	GTATGCTCCA	TCATCCGGCA	CATGCGGCTG	CGGCGGCTCA	TCACCAGTCG	GT---GGCGC
drosophila_elegans_gca000224195v2rs/1-8123	---ATGAACG	GCATGCTGCA	CCACCCGGCC	CATGCGGCTG	CGGCAGCGCA	CCACCAGAGT	GT---GGCGC
drosophila_gunungcola_gca025200985v1rs/1-8123	---ATGAACG	GCATGCTGCA	CCACCCGGCC	CATGCGGCTG	CGGCAGCGCA	CCACCAGAGT	GT---GGCGC
drosophila_rhopaloea_gca018152115v1rs/1-8123	---ATGAACG	GGATGCTCCA	CCATCCGGCC	CATGCGGCTG	CGGCGGCCCA	CCATCAGAGT	GT---GGCGC
drosophila_ficusphila_gca018152265v1rs/1-8123	---ATGAACG	GCATGCTGCA	CCACCCGGCC	CATGCGGCCG	CGGCAGCGCA	CCACCAGAGT	GT---GGCGC
drosophila_kikkawai_gca018152535v1rs/1-8123	---ATGAACG	GGATGCTCCA	TCACCCGGCC	CATGCGGCTG	CAGCGGCACA	TCACCAGAGT	GT---GGCGC
drosophila_ananassae_gca017639315v2rs/1-8123	---ATGAACC	GGATGCTTCA	TCATCCGGGT	CATGCGGCCG	CGGCTGCCCA	CCACCAGAGT	GT---GGCGC
drosophila_bipectinata_gca000236285v2rs/1-8123	---ATGAACG	GGATGCTCCA	CCATCCGGGA	CATGCGGCCG	CGGCGGCCCA	CCACCAGAGT	GT---GGCGC
drosophila_guanche_gca900245975v1rs/1-8123	---ATGAATG	GGATGTTGCA	CCATCCGGCA	CATGCGGCGG	CGGCTGCTCA	CCACCAGAGT	GT---GGCGC
drosophila_subobscura_gca008121235v1rs/1-8123	---ATGAATG	GGATGTTGCA	CCATCCGGCA	CATGCGGCGG	CGGCTGCCCA	CCACCAGAGT	GT---GGCGC
drosophila_obscura_gca018151105v1rs/1-8123	---ATGAATG	GGATGTTGCA	CCATCCGGCA	CATGCGGCGG	CGGCAGCCCA	CCACCAGAGT	GT---GGCGC
drosophila_miranda_gca003369915v2rs/1-8123	---ATGAATG	GGATGTTGCA	CCATCCGGCA	CATGCGGCGG	CGGCCGCGCA	CCACCAGAGT	GT---GGCGC
drosophila_persimilis_gca003286085v2rs/1-8123	---ATGAATG	GGATGTTGCA	CCATCCGGCA	CATGCGGCGG	CGGCCGCGCA	CCACCAGAGT	GT---GGCGC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	---ATGAATG	GGATGTTGCA	CCATCCGGCA	CATGCGGCGG	CGGCCGCGCA	CCACCAGAGT	GT---GGCGC
drosophila_willistoni_gca018902025v2rs/1-8123	---ATGAATG	GCATGTTACA	CCATCCGGC	--TGCGGCTC	ATGCGGCCCA	CCA---GAGT	GTGGTGCGC
drosophila_albomicans_gca009650485v2rs/1-8123	GCCATGAATG	GCATGCTGCA	TCAT-----	CATCCGGCGC	ATCATGCCGC	TCA---G---	GT---GGCGC
drosophila_innubila_gca004354385v1rs/1-8123	GCCATGAATG	GCATGCTGCA	CCAT-----	CATCCGGCAC	ATCATGCCGC	CCA---G---	GT---GGCGC
drosophila_arizonae_gca001654025v1rs/1-8123	GCCATGAACG	GGATGCTGCA	CCAC-----	CATCCGGCCC	ACCAT-----	-CA---G---	GT---GGCGC
drosophila_mojavensis_gca018153725v1rs/1-8123	GCCATGAACG	GTATGCTGCA	CCAT-----	CATCCGGCCC	ACCAT-----	-CA---G---	GT---GGCGC
drosophila_navajoa_gca001654015v2rs/1-8123	GCCATGAACG	GTATGCTGCA	CCAC-----	CATCCGGCCC	ACCAT-----	-CA---G---	GT---GGCGC
drosophila_hydei_gca003285905v2rs/1-8123	GCCATGAATG	GGATGCTGCA	CCAT-----	CATCCGGCCC	ATCAC-----	-CA---G---	GT---GGCGC
drosophila_virilis_gca003285735v2rs/1-8123	GCCATGAACG	GCATGTTGCA	TCAT-----	CATCCGGCCC	ATCATGCCGC	GCA---G---	GT---GGCGC
drosophila_grimshawi_gca018153295v1rs/1-8123	GCGATGAACG	GCATGCTGCA	TCAT-----	CATCCGGCCC	ATCATGCCGC	TCA---G---	GT---GGCGC
drosophila_busckii_gca011750605v1rs/1-8123	---ATGAACG	GCATGCTGCA	TCAT-----	CATCCGGCAC	ATCATGCCGC	GCA---G---	GT---GGCGC
bactrocera_neohumeralis_gca024586455v2rs/1-8123	---ATGAACG	GAATGTTGCA	TCATCCTGCT	CATCCAGCGC	ATCA-----	CCA---AGGA	GT---GCCAC
coremacera_marginata_gca914767935v1/1-8123	---ATGAACG	GCATGCTTCA	CCATCCGGGT	CATCCAGTAC	ATCA-----	TCA---GGGT	GT---G----
myopa_tessellatipennis_gca943737955v1/1-8123	GCCATGAACG	GCATGCTGCA	CCATCCGGGC	CATCCGGCGC	ACCA-----	CCA---GGGC	GT---G----
machimus_atricapillus_gca933228815v1/1-8123	---GTGAATG	GGCTGCTGCA	CCACCCAGCC	CACT---CGC	ACCA-----	CCA---GAAC	AT---GCCGC

drosophila_melanogaster/1-8123	CACTGCATCA	TACGCT	---G	CGCGGGG	---AATCGCCACA	GCTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_mauritiana_gca004382145v1rs/1-8123	CACTGCATCA	TACGCT	---G	CGCGGGG	---AATCGCCACA	GCTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_simulans_gca016746395v2rs/1-8123	CACTGCATCA	TACGCT	---G	CGCGGGG	---AATCGCCACA	GCTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_sechellia_gca004382195v2rs/1-8123	CACTGCATCA	TACGCT	---G	CGCGGGG	---AATCGCCACA	GCTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_erecta_gca003286155v2rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGGG	---AATCCCCACA	GCTGCACATA	CA---	TCATC	ACATGGGC	--
drosophila_santomea_gca016746245v2rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGTG	---AATCGCCACA	GCTGCACATA	CA---	TCATC	ACATGGGC	--
drosophila_yakuba_gca016746365v2rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGTG	---AATCGCCACA	GCTGCACATA	CA---	TCATC	ACATGGGC	--
drosophila_teissieri_gca016746235v2rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGTG	---AATCGCCACA	GCTGCACATA	CA---	TCATC	ACATGGGC	--
drosophila_eugracilis_gca018153835v1rs/1-8123	CACTGCATCA	TGCATT	---G	CGCGGCG	---AGTCGCCACA	GTTGCACATA	CA---	CCATC	ATATGGGC	--
drosophila_biarmipes_gca025231255v1rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGCG	---AGTCGCCACA	GTTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_subpulchrella_gca014743375v2rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGGG	---AATCCCCACA	GTTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_suzukii_gca013340165v1rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGGG	---AATCCCCACA	GTTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_takahashii_gca018152695v1rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGCG	---AATCGCCCCA	GTTGCACATC	CA---	TCATC	ACATGGGC	--
drosophila_elegans_gca000224195v2rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGGG	---AGTCGCCACA	GCTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_gunungcola_gca025200985v1rs/1-8123	CACTGCATCA	CGCGTT	---G	CGCGGGG	---AATCGCCACA	GCTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_rhopaloea_gca018152115v1rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGGG	---AATCGCCCCA	GTTGCACATA	CA---	CCATC	ACATGGGC	--
drosophila_ficusphila_gca018152265v1rs/1-8123	CGCTGCATCA	CGCGCT	---G	CGCGGCG	---AGTCGCCACA	GCTGCACATC	CA---	CCACC	ACATGGGT	-G
drosophila_kikkawai_gca018152535v1rs/1-8123	CGCTGCATCA	TGCTCT	CAGA	GGCGGGG	---AGTCCCCGCA	GCTGCACATC	CACGCCCATC	ACATGGGC	ACATGGGC	-G
drosophila_ananassae_gca017639315v2rs/1-8123	CACTGCATCA	CGCCCT	---G	CGCGGGG	---AGTCCCCGCA	GTTGCACATC	CACGCCCACC	ACATGGG	ACATGGG	-C
drosophila_bipectinata_gca000236285v2rs/1-8123	CACTGCATCA	CGCCCT	---G	CGCGGGG	---AGTCTCCGCA	GCTGCATATC	CACGCCCACC	ACATGGG	ACATGGG	-C
drosophila_guanche_gca00245975v1rs/1-8123	CACTGCATCA	TGCGCT	---G	CGGGGCG	---AGTCCCCACA	GCTGCACATC	CATTACATC	ACATGGG	ACATGGG	-C
drosophila_subobscura_gca008121235v1rs/1-8123	CACTGCATCA	TGCGCT	---G	AGGGGCG	---AGTCCCCACA	GCTGCACATC	CATTACATC	ACATGGG	ACATGGG	-C
drosophila_obscura_gca018151105v1rs/1-8123	CGCTGCATCA	TGCGCT	---G	AGGGGGG	---AGTCCCCACA	GCTGCATATC	CATTACATC	ACATGGG	ACATGGG	-C
drosophila_miranda_gca003369915v2rs/1-8123	CACTGCATCA	TGCACT	---G	AGGGGGG	---AGTCCCCACA	GCTGCATATC	CATGCACATC	ACATGGG	ACATGGG	-C
drosophila_persimilis_gca003286085v2rs/1-8123	CACTGCATCA	TGCCCT	---G	AGGGGGG	---AGTCCCCACA	GCTGCATATC	CATGCACATC	ACATGGG	ACATGGG	-C
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CACTGCATCA	TGCACT	---G	AGGGGGG	---AGTCCCCACA	GCTGCATATC	CATGCACATC	ACATGGG	ACATGGG	-C
drosophila_willistoni_gca018902025v2rs/1-8123	CATTGCATCA	TGCCCT	---G	CGCGGCGGTG	AATCGCCCCA	ATTGCATATA	CACTGCATC	ATGTGAT	ATGTGAT	-G
drosophila_albomicans_gca009650485v2rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGCG	---AATCGCCACA	GTTGCACATA	CACGCCCATC	ACATGGG	ACATGGG	-CG
drosophila_innubila_gca004354385v1rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGCG	---AGTCGCCACA	GTTGCACATA	CACGCCCATC	ACATGGG	ACATGGG	-C
drosophila_arizonae_gca001654025v1rs/1-8123	CGCTGCATCA	TGCGCT	---G	CGCGGCG	---AGTCGCCACA	GTTGCATATA	C-C--	ACATC	ACATGGG	-C
drosophila_mojavensis_gca018153725v1rs/1-8123	CACTGCATCA	TGCGCT	---C	CGCGGCG	---AGTCGCCACA	GTTGCATATA	C-C--	ACATC	ACATGGG	-C
drosophila_navajoa_gca001654015v2rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGCG	---AGTCGCCACA	GTTGCACATA	C-C--	ACATC	ACATGGG	-C
drosophila_hydei_gca003285905v2rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGCG	---AGTCGCCACA	ATTGCATATA	C-C--	ACATC	ATATGGG	-C
drosophila_virilis_gca003285735v2rs/1-8123	CACTGCATCA	TGCGCT	---A	CGCGGCG	---AGTCGCCACA	GTTGCACATA	CACGCCCATC	ACATGGG	ACATGGG	-C
drosophila_grimshawi_gca018153295v1rs/1-8123	CACTGCATCA	TGCGTT	---G	CGCGGCG	---AGTCGCCACA	GTTGCACATC	CATGCCCATC	ACATGGT	ACATGGT	-C
drosophila_busckii_gca011750605v1rs/1-8123	CACTGCATCA	TGCGCT	---G	CGCGGCG	---AGTCGCCACA	GCTGCACATA	CACGCCCATC	ACATGGG	ACATGGG	-C
bactrocera_neohumeralis_gca024586455v2rs/1-8123	CATTGCATCA	TGCACT	---G	CGTGGTG	---AGTCTCCACA	ACTTCATATA	CATCCCCATC	ATCTGCA	ATCTGCA	--A
coremacera_marginata_gca914767935v1/1-8123	--GTGCATCA	CGCGTT	---G	CGTGGGG	---AATCTCCACA	GTTACATATA	CATCCACACC	ATTTACA	ATTTACA	--G
myopa_tessellatipennis_gca943737955v1/1-8123	--GTGCATCA	TGCGCA	---G	CGTGGCG	---AATCGCCACA	GCTGCACATC	CACTTGCACC	ACTTGCA	ACTTGCA	--G
machimus_atricapillus_gca933228815v1/1-8123	CCCTGCATCA	CACCT	---G	CGGGGGG	---ATTCCACGCA	GCTCCACCTG	CACCCGCATC	ACCTGCA	ACCTGCA	--A

drosophila_melanogaster/1-8123	--GGCGGCGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACTCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_mauritiana_gca004382145v1rs/1-8123	--GGTGGCGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACTCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_simulans_gca016746395v2rs/1-8123	--GGCGGTGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACTCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_sechellia_gca004382195v2rs/1-8123	--GGCGGTGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACTCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_erecta_gca003286155v2rs/1-8123	--GGCGGCGA	CCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGACGATC	TGGAGGCCTT
drosophila_santomea_gca016746245v2rs/1-8123	--GGCGGCGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_yakuba_gca016746365v2rs/1-8123	--GGCGGCGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_teissieri_gca016746235v2rs/1-8123	--GGCGGCGA	TCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_eugracilis_gca018153835v1rs/1-8123	--GGTGGCGA	TCGGGATGCT	ATCAGCGGCG	GAGAGGAGGA	CACCCCCACA	TCCGATGATC	TGGAGGCCTT
drosophila_biarmipes_gca025231255v1rs/1-8123	--GGCGGCGA	CCGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGACGATC	TGGAGGCCTT
drosophila_subpulchrella_gca014743375v2rs/1-8123	--GGCGGCGA	TAGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_suzukii_gca013340165v1rs/1-8123	--GGCGGCGA	TAGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	CACCCCCACG	TCCGATGATC	TGGAGGCCTT
drosophila_takahashii_gca018152695v1rs/1-8123	--GGCGGCGA	TAGGGATGCC	ATAAGCGGCG	GCGAGGAGGA	TACCCCTACT	TCCGACGATC	TGGAAGCCTT
drosophila_elegans_gca000224195v2rs/1-8123	--GGCGGCGA	CCGGGACGCC	ATAAGCGGCG	GAGAGGAGGA	CACCCCCACC	TCCGATGATC	TGGAGGCCTT
drosophila_gunungcola_gca025200985v1rs/1-8123	--GGCGGCGA	CCGGGACGCC	ATAAGCGGCG	GAGAGGAGGA	CACCCCCACC	TCCGATGATC	TGGAGGCCTT
drosophila_rhopaloea_gca018152115v1rs/1-8123	--GGCG---A	CCGGGACGCC	ATAAGCGGCG	GGGAAGAGGA	CACGCCCACG	TCCGACGATC	TGGAGGCCTT
drosophila_ficusphila_gca018152265v1rs/1-8123	GCGGTGGCGA	CCGGGATCCC	ATCAGTGGCG	GCGAGGAGGA	CACGCCCACA	TCCGACGACC	TGGAGGCCTT
drosophila_kikkawai_gca018152535v1rs/1-8123	GTGGCGGCGA	CAGGGATGCC	ATCAGTGGCG	GCGAGGAGGA	CACACCGACA	TCCGACGATC	TGGAAGCCTT
drosophila_ananassae_gca017639315v2rs/1-8123	--GGCGGCGA	CCGGGACGCC	ATCAGCGGCG	GCGAGGAGGA	CACTCCGACT	TCCGACGATC	TGGAGGCCTT
drosophila_bipectinata_gca000236285v2rs/1-8123	--GGTGGCGA	CCGGGATGCC	ATCAGCGGCG	GCGAGGAGGA	CACTCCGACC	TCCGACGACC	TGGAGGCCTT
drosophila_guanche_gca900245975v1rs/1-8123	--GGTGGCGA	CCGGGATGCC	ATCAGTGGCG	GAGAGGAGGA	CACTCCCACA	TCCGATGATT	TGGAGGCCTT
drosophila_subobscura_gca008121235v1rs/1-8123	--GGTGGCGA	TCGGGATGCC	ATCAGCGGCG	GAGAGGAAGA	CACCCCCACA	TCCGATGATC	TGGAGGCCTT
drosophila_obscura_gca018151105v1rs/1-8123	--GGTGGCGA	TCGGGATGCC	ATCAGCGGCG	GAGAGGAGGA	CACCCCCACA	TCCGACGATT	TGGAGGCCTT
drosophila_miranda_gca003369915v2rs/1-8123	--GGCGGCGA	TCGGGACGCT	ATCAGCGGTG	GCGAGGAGGA	CACCCCCACA	TCCGATGATT	TGGAGGCATT
drosophila_persimilis_gca003286085v2rs/1-8123	--GGCGGCGA	CCGGGACGCC	ATCAGCGGTG	GCGAGGAGGA	CACCCCCACA	TCCGACGATT	TGGAGGCATT
drosophila_pseudoobscura_gca009870125v2rs/1-8123	--GGCGGCGA	CCGGGACGCC	ATCAGCGGTG	GCGAGGAGGA	CACCCCCACA	TCCGACGATT	TGGAGGCATT
drosophila_willistoni_gca018902025v2rs/1-8123	--GGCGGCG-	--GCGATGCC	ATTAGCGGCG	GCGAGGAGGA	CACACCCACT	TCCGACGATC	TGGAGGCATT
drosophila_albomicans_gca009650485v2rs/1-8123	GCGGCGGCGA	TCGCGATACG	ATCAGCGGCG	GTGAGGAGGA	CACGCCCACA	TCCGATGACC	TGGAGGCCTT
drosophila_innubila_gca004354385v1rs/1-8123	--GTCGGCGA	TCGCGATACG	ATTAGTGGCG	GTGAGGAGGA	CACGCCCACA	TCCGATGATC	TGGAGGCATT
drosophila_arizonae_gca001654025v1rs/1-8123	--GGCGGTGA	TCGTGACACG	ATCAGTGGTG	GCGAGGAGGA	CACGCCCACA	TCCGATGATC	TGGAGGCCTT
drosophila_mojavensis_gca018153725v1rs/1-8123	--GGCGGTGA	TCGTGACACG	ATCAGTGGTG	GCGAGGAAGA	CACGCCCACA	TCCGATGATC	TGGAGGCCTT
drosophila_navajoa_gca001654015v2rs/1-8123	--GGCGGTGA	TCGTGACACG	ATCAGTGGTG	GCGAGGAGGA	CACGCCCACA	TCCGATGATC	TGGAGGCCTT
drosophila_hydei_gca003285905v2rs/1-8123	--GGTGGTGA	TCGTGATACG	ATCAGTGGTG	GCGAGGAGGA	CACGCCCACA	TCCGATGATC	TGGAGGCATT
drosophila_virilis_gca003285735v2rs/1-8123	--GGCGGCGA	TCGCGACGCG	ATCAGCGGCG	GTGAGGAGGA	CACGCCCACA	TCCGACGACC	TGGAGGCATT
drosophila_grimshawi_gca018153295v1rs/1-8123	--GGCGGTGA	TCGCGATGCG	ATCAGTGGCG	GTGAGGAGGA	CACGCCCACA	TCTGATGATT	TAGAGGCCTT
drosophila_busckii_gca011750605v1rs/1-8123	--GGCGGTGA	TCGCGATGCC	ATCAGCGGCG	GCGAGGAGGA	CACACCCACG	TCCGACGATC	TGGAGGCCTT
bactrocera_neohumeralis_gca024586455v2rs/1-8123	--GGCG---A	TCGGGACGTG	T---CGGGTG	GTGAAGAAGA	TACGCCCACC	TCAGATGATT	TGGAAGCATT
coremacera_marginata_gca914767935v1/1-8123	--GGTG---A	TCGCGATGTC	A---GTGGTG	GCGAAGAGGA	CACTCCAAC	TCCGATGACT	TGGAGGCCTT
myopa_tessellatipennis_gca943737955v1/1-8123	--GGCG---A	CCGCGACGTG	A---GCGGCG	GCGAGGAGGA	CACGCCCACC	TCCGACGACC	TGGAGGCCTT
machimus_atricapillus_gca933228815v1/1-8123	--GGTG---A	TCGCGACGCC	A---GTGCCG	GTGAGGAGGA	CACGCCAACC	TCCGACGACC	TAGAAGCCTT

<i>drosophila_melanogaster</i> /1-8123	TGCCAAGCAG	TTCAAGCAGC	GCCGAATCAA	GCTGGGCTTT	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGAATCAA	GCTGGGCTTT	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGAATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGAATCAA	GCTGGGCTTC	ACCCAAGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GACGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GACGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGCCT	GGCACTGGGC
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	TGCCAAGCAG	TTTAAGCAGC	GAAGGATCAA	GTTGGGCTTC	ACCCAGGCCG	ATGTGGGCCT	GGCATTGGGC
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGGATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGTCT	CGCCCTGGGC
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GTCGCATCAA	ACTGGGCTTC	ACCCAGGCCG	ATGTGGGTCT	GGCCCTGGGC
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGCATCAA	GTTGGGCTTC	ACCCAGGCCG	ATGTGGGTCT	GGCTCTGGGC
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCAGGATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGTCT	CGCACTGGGC
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGGATCAA	GCTGGGCTTC	ACCCAGGCCG	ACGTGGGTCT	GGCCCTGGGC
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GCCGGATCAA	GCTGGGCTTC	ACCCAGGCCG	ACGTGGGCCT	GGCCCTGGGC
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GCAGGATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGGCT	CGCTCTGGGC
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GGCGCATCAA	GCTGGGATTC	ACCCAGGCCG	ACGTGGGCCT	GGCCCTGGGC
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GACGCATCAA	GCTCGGCTTC	ACCCAGGCCG	ATGTGGGTCT	GGCTCTGGGA
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GACGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ACGTGGGCCT	GGCCCTGGGC
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GACGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ACGTGGGCCT	GGCCCTGGGC
<i>drosophila_guanche_gca900245975v1rs/1-8123</i>	TGCCAAGCAG	TTTAAGCAGC	GAAGGATTAA	GCTGGGATTC	ACACAGGCCG	ACGTGGGCCT	GGCACTGGGC
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	TGCCAAGCAG	TTTAAGCAGC	GAAGGATTAA	GCTGGGATTC	ACACAGGCCG	ACGTGGGCCT	GGCACTGGGC
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	TGCCAAGCAG	TTCAAGCAGC	GGAGGATTAA	GCTCGGATTC	ACACAGGCCG	ACGTGGGCCT	GGCACTGGGC
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	CGCAAAGCAG	TTCAAGCAGC	GAAGGATCAA	GCTCGGGTTC	ACACAGGCCG	ACGTGGGCCT	GGCACTGGGC
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	CGCAAAGCAG	TTCAAGCAGC	GAAGGATCAA	GCTCGGGTTC	ACACAGGCCG	ACGTGGGCCT	GGCACTGGGC
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	CGCAAAGCAG	TTCAAGCAGC	GAAGGATCAA	GCTCGGGTTC	ACACAGGCCG	ACGTGGGCCT	GGCACTGGGC
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	TGCCAAGCAG	TTTAAACAGC	GACGCATCAA	GCTCGGTTTC	ACCCAGGCCG	ATGTGGGCCT	TGCCCTGGGC
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	TGCCAAGCAG	TTCAAACAAC	GTCGCATCAA	GCTCGGTTTC	ACCCAGGCCG	ATGTGGGTCT	CGCTCTGGGC
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	TGCCAAGCAG	TTCAAACAGC	GACGCATCAA	GCTGGGATTC	ACACAGGCCG	ACGTGGGTCT	GGCACTGGGC
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	TGCGAAGCAA	TTCAAGCAGC	GCCGCATCAA	GCTCGGCTTC	ACCCAGGCCG	ACGTGGGCCT	CGCCCTGGGC
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	CGCGAAGCAA	TTCAAGCAGC	GCCGCATCAA	GCTCGGCTTC	ACCCAGGCCG	ACGTGGGCCT	CGCCCTGGGC
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	TGCGAAGCAA	TTCAAGCAGC	GCCGCATCAA	GCTCGGCTTC	ACCCAGGCCG	ACGTGGGCCT	CGCCCTGGGC
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	CGCCAAACAA	TTCAAGCAGC	GCCGCATCAA	GCTCGGCTTC	ACCCAGGCCG	ACGTGGGCCT	GGCCCTGGGC
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GACGCATTAA	GCTCGGCTTC	ACCCAGGCCG	ATGTTGGCCT	GGCCCTGGGC
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	CGCCAAGCAA	TTCAAGCAGC	GTCGCATCAA	GCTGGGCTTC	ACCCAGGCCG	ATGTGGGACT	CGCTCTGGGC
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GCCGCATCAA	GCTCGGCTTC	ACCCAGGCCG	ACGTGGGCCT	GGCGCTGGGC
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	TGCAAAACAG	TTCAAACAAC	GTCGTATAAA	GCTCGGTTTT	ACACAAGCGG	ATGTGGGACT	GGCGCTTGGC
<i>coremacera_marginata_gca914767935v1/1-8123</i>	CGCCAAGCAG	TTCAAGCAAA	GGCGAATCAA	GCTCGGTTTT	ACACAAGCTG	ATGTTGGTTT	GGCGCTAGGG
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	CGCCAAGCAG	TTCAAGCAGC	GCCGCATCAA	GCTCGGATTC	ACGCAGGCCG	ACGTGGGCTT	GGCGTTGGGC
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	CGCCAAACAG	TTCAAGCAGC	GGCGGATAAA	GCTCGGCTTC	ACGCAGGCCG	ATGTCGGATT	AGCGTTAGGA

<i>drosophila_melanogaster</i> /1-8123	ACTCTCTATG	GCAATGTGTT	CTCCCAGACG	ACCATCTGCA	GATTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_mauritiana_gca004382145v1rs</i> /1-8123	ACTCTCTATG	GCAATGTGTT	CTCGCAGACG	ACCATCTGCA	GATTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_simulans_gca016746395v2rs</i> /1-8123	ACTCTCTATG	GCAATGTGTT	CTCGCAGACG	ACCATCTGCA	GATTTGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_sechellia_gca004382195v2rs</i> /1-8123	ACTCTCTATG	GCAATGTGTT	CTCGCAGACG	ACCATCTGCA	GATTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_erecta_gca003286155v2rs</i> /1-8123	ACTCTCTATG	GCAATGTCTT	CTCGCAGACG	ACCATCTGCC	GATTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_santomea_gca016746245v2rs</i> /1-8123	ACACTCTATG	GCAATGTGTT	CTCGCAGACG	ACCATCTGCC	GATTTGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_yakuba_gca016746365v2rs</i> /1-8123	ACACTCTATG	GCAATGTGTT	CTCGCAGACG	ACCATCTGCC	GATTTGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_teissieri_gca016746235v2rs</i> /1-8123	ACACTCTATG	GCAATGTGTT	CTCGCAGACG	ACCATCTGCC	GATTTGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_eugracilis_gca018153835v1rs</i> /1-8123	ACCCTCTACG	GCAACGTATT	CTCTCAGACA	ACCATTTGCC	GATTCGAGGC	CCTGCAATTG	AGCTTCAAGA
<i>drosophila_biarmipes_gca025231255v1rs</i> /1-8123	ACCCTCTACG	GGAACGTGTT	CTCCCAGACG	ACCATATGCC	GCTTCGAGGC	CCTGCAGCTG	AGCTTCAAGA
<i>drosophila_subpulchrella_gca014743375v2rs</i> /1-8123	ACCCTCTACG	GGAATGTCTT	CTCGCAGACG	ACCATATGCC	GCTTTGAGGC	CCTACAGCTG	AGCTTCAAGA
<i>drosophila_suzukii_gca013340165v1rs</i> /1-8123	ACCCTCTACG	GGAATGTATT	CTCGCAGACG	ACCATCTGCC	GCTTTGAGGC	CCTACAGCTG	AGCTTCAAGA
<i>drosophila_takahashii_gca018152695v1rs</i> /1-8123	ACCCTGTACG	GCAATGTCTT	CTCGCAGACG	ACCATTTGCC	GGTTTGAAGC	CCTACAGCTG	AGCTTCAAGA
<i>drosophila_elegans_gca000224195v2rs</i> /1-8123	ACCCTCTACG	GCAATGTCTT	CTCGCAGACG	ACCATCTGCC	GCTTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_gunungcola_gca025200985v1rs</i> /1-8123	ACCCTGTACG	GCAATGTCTT	CTCGCAGACG	ACCATCTGCC	GCTTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_rhopaloea_gca018152115v1rs</i> /1-8123	ACCCTCTACG	GAAATGTCTT	CTCGCAGACC	ACCATTTGCC	GGTTTCGAGGC	CCTGCAGCTG	AGCTTCAAGA
<i>drosophila_ficusphila_gca018152265v1rs</i> /1-8123	ACGCTGTACG	GGAATGTGTT	CTCGCAGACG	ACGATCTGCC	GGTTTCGAGGC	GCTGCAGCTG	AGCTTCAAGA
<i>drosophila_kikkawai_gca018152535v1rs</i> /1-8123	ACCCTTTACG	GCAATGTCTT	CTCCCAGACC	ACGATCTGCC	GGTTTCGAGGC	ACTGCAGCTG	AGCTTCAAGA
<i>drosophila_ananassae_gca017639315v2rs</i> /1-8123	ACCCTCTATG	GCAACGTCTT	CTCCCAGACG	ACGATCTGCA	GATTCGAGGC	TCTGCAGCTG	AGCTTCAAGA
<i>drosophila_bipectinata_gca000236285v2rs</i> /1-8123	ACCCTCTACG	GCAACGTCTT	CTCCCAGACG	ACGATCTGCA	GATTCGAGGC	TCTGCAGCTG	AGCTTCAAGA
<i>drosophila_guanche_gca900245975v1rs</i> /1-8123	ACGCTGTACG	GCAATGTTTT	CTCCCAGACG	ACCATCTGCA	GGTTTGAGGC	GCTGCAGCTG	AGCTTCAAGA
<i>drosophila_subobscura_gca008121235v1rs</i> /1-8123	ACACTGTACG	GCAATGTCTT	CTCCCAGACG	ACCATCTGCA	GGTTTGAGGC	GCTGCAGCTG	AGCTTCAAGA
<i>drosophila_obscura_gca018151105v1rs</i> /1-8123	ACCCTCTACG	GAAATGTCTT	CTCCCAGACG	ACCATCTGCC	GCTTCGAGGC	GCTGCAGCTG	AGCTTCAAGA
<i>drosophila_miranda_gca003369915v2rs</i> /1-8123	ACCCTCTACG	GGAACGTCTT	CTCCCAGACG	ACCATCTGCC	GCTTCGAGGC	GCTGCAGCTG	AGCTTCAAGA
<i>drosophila_persimilis_gca003286085v2rs</i> /1-8123	ACCCTCTACG	GGAACGTCTT	CTCCCAGACG	ACCATCTGCC	GCTTCGAGGC	GCTACAGCTG	AGCTTCAAGA
<i>drosophila_pseudoobscura_gca009870125v2rs</i> /1-8123	ACCCTCTACG	GGAACGTCTT	CTCCCAGACG	ACCATCTGCC	GCTTCGAGGC	GCTGCAGCTG	AGCTTCAAGA
<i>drosophila_willistoni_gca018902025v2rs</i> /1-8123	ACCCTGTACG	GCAATGTCTT	CTCCCAGACG	ACAATTTGCC	GCTTCGAGGC	TTTGCAACTG	AGTTTCAAGA
<i>drosophila_albomicans_gca009650485v2rs</i> /1-8123	ACACTCTATG	GCAATGTGTT	CTCCCAGACG	ACGATCTGTC	GCTTTGAGGC	ACTCCAGCTG	AGCTTCAAGA
<i>drosophila_innubila_gca004354385v1rs</i> /1-8123	ACCCTGTATG	GCAATGTCTT	CTCACAGACG	ACCATCTGCC	GGTTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_arizonae_gca001654025v1rs</i> /1-8123	ACGCTCTACG	GCAACGTCTT	CTCCCAGACG	ACAATCTGTC	GCTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_mojavensis_gca018153725v1rs</i> /1-8123	ACGCTCTACG	GCAACGTCTT	CTCCCAGACG	ACAATCTGTC	GCTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_navajoa_gca001654015v2rs</i> /1-8123	ACGCTCTACG	GCAACGTCTT	CTCCCAGACG	ACAATCTGTC	GCTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_hydei_gca003285905v2rs</i> /1-8123	ACGCTCTACG	GCAATGTCTT	CTCGCAGACC	ACAATCTGTC	GCTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_virilis_gca003285735v2rs</i> /1-8123	ACCCTGTACG	GCAACGTCTT	CTCGCAGACG	ACCATCTGCC	GGTTTGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_grimshawi_gca018153295v1rs</i> /1-8123	ACCCTGTATG	GCAATGTCTT	CTCGCAGACG	ACAATCTGCC	GCTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>drosophila_busckii_gca011750605v1rs</i> /1-8123	ACGCTCTACG	GCAACGTCTT	CTCGCAGACC	ACGATCTGCC	GCTTCGAGGC	TCTACAGTTA	AGTTTCAAGA
<i>bactrocera_neohumeralis_gca024586455v2rs</i> /1-8123	ACCTTATATG	GCAATGTCTT	TTACAGACA	ACAATATGCC	GCTTTGAGGC	TCTACAATTA	AGTTTTAAGA
<i>coremacera_marginata_gca914767935v1</i> /1-8123	ACACTGTACG	GTAACGTCTT	TTCGCAGACG	ACAATCTGCC	GCTTTGAGGC	TCTACAATA	AGTTTCAAGA
<i>myopa_tessellatipennis_gca943737955v1</i> /1-8123	ACGCTGTACG	GCAACGTTTT	CTCGCAGACG	ACGATCTGCC	GCTTCGAAGC	GCTCCAGCTG	AGCTTCAAGA
<i>machimus_atricapillus_gca933228815v1</i> /1-8123	ACACTTTACG	GTAACGTTTT	CTCACAGACA	ACGATATGCC	GCTTCGAGGC	TCTACAGTTA	AGTTTTAAGA

<i>drosophila_melanogaster</i> /1-8123	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GTTCAACCCAC
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GCTCAACCCAC
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCA	CTGTTGCAGA	AATGGCTGGA	GGAGGCGGAT	TCCACAACGG	GCTCACCAGAC
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AATGGCTGGA	GGAAGCGGAC	TCGACGACGG	GCTCAACCCAC
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	ACATGTGCAA	ACTGAAGCCA	CTGCTGCAGA	AATGGCTGGA	GGAGGCGGAC	TCGACGACGG	GCTCAACCCAC
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGTTGCAGA	AATGGCTGGA	GGAGGCGGAC	TCGACGACGG	GCTCAACCCAC
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AATGGCTGGA	GGAGGCGGAC	TCCACCACGG	GATCGCCGAC
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCTACCACGG	GCTCAACCCAC
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACCACGG	GCTCAACCCAC
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACCACGG	GCTCGCCGAC
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCGACAACGG	GATCGCCGAC
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCCACCACCG	GATCACCAGAC
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCCACCACCG	GATCACCAC
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCCACCACCG	GATCACCAC
<i>drosophila_guanche_gca000245975v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCGACCACAG	GCTCGCCGAC
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCGACCACCG	GCTCGCCGAC
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGTTGGA	GGAGGCGGAC	TCCACAACGG	GCTCGCCGAC
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GATCGCCGAC
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GATCGCCGAC
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTGGA	GGAGGCGGAC	TCCACAACGG	GATCGCCGAC
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	ACATGTGCAA	ACTGAAGCCG	TTGCTACAGA	AATGGCTGGA	GGAGGCGGAT	TCCACAACGG	GCTCAACCCAC
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTCGA	GGAAGCGGAC	TCGACAACGG	GATCGCCGAC
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAAA	AGTGGCTGGA	GGAGGCGGAC	TCGACGACAG	GATCGCCGAC
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTCGA	GGAGGCGGAC	TCCACCACGG	GCTCGCCGAC
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTCGA	GGAGGCGGAC	TCCACCACGG	GCTCGCCGAC
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTCGA	GGAGGCGGAC	TCCACCACGG	GCTCGCCGAC
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTCGA	GGAGGCGGAC	TCCACCACGG	GCTCGCCGAC
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTCCAGA	AATGGCTCGA	GGAGGCGGAC	TCCACCACGG	GCTCGCCGAC
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	ACATGTGCAA	ACTGAAGCCA	CTGCTCCAAA	AGTGGCTCGA	GGAGGCGGAC	TCCACCACGG	GCTCCCCGAC
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTCCAAA	AGTGGCTCGA	GGAGGCGGAC	AGCACCACAG	GCTCCCCGAC
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	ACATGTGCAA	ATTGAAGCCA	CTGCTACAAA	AATGGCTAGA	GGAAGCTGAC	TCCACCACAG	GATCACCAC
<i>coremacera_marginata_gca914767935v1/1-8123</i>	ATATGTGCAA	GTTAAAGCCA	CTGCTGCAGA	AGTGGCTTGA	AGAGGCTGAC	TCAACAACAG	GCTCAACCCAC
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	ACATGTGCAA	GCTGAAGCCG	CTGCTGCAGA	AGTGGCTCGA	GGAGGCGGAC	TCGACCACGG	GCTCGCCGAC
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	ACATGTGCAA	GCTGAAACCG	CTCCTGCAAA	AATGGCTGGA	GGAGGCGGAC	TCAACGACGG	GCTCGCCGAC

<i>drosophila_melanogaster</i> /1-8123	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGTAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CTCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	GTCCATTGAC	AAGATTGCCG	CCCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTTAAG
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGAG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	TTCCATTGAT	AAGATTGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCTA	GCATTGAGGT	GAGCGTGAAG
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGCG	TAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CCCAGGGGCG	CAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CGCAGGGCAG	GAAACGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CGCAGGGACG	CAAGCGCAAG	AAACGGACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	GTCCATTGAC	AAGATCGCCG	CGCAGGGACG	CAAGCGCAAG	AAACGGACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_guanche_gca00245975v1rs/1-8123</i>	ATCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	ATCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	ATCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	ATCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	ATCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	ATCCATTGAC	AAGATCGCCG	CCCAGGGGCG	GAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	ATCGATAGAC	AAGATTGCCG	CCCAGGGTAG	AAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTTAAG
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	GAGCATCGAT	AAGATTGCCG	CCCAGGGACG	CAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	GAGCATCGAT	AAGATCGCCG	CCCAGGGACG	CAAGCGCAAG	AAACGCACGA	GCATCGAGGT	GAGCGTTAAG
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	GAGCATCGAC	AAGATCGCCG	CACAGGGACG	CAAGCGCAAG	AAACGCACGA	GCATCGAGGT	GAGCGTTAAG
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	GAGCATCGAC	AAGATCGCCG	CACAGGGACG	CAAGCGCAAG	AAACGCACGA	GCATCGAGGT	GAGCGTTAAG
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	GAGCATCGAC	AAGATCGCCG	CACAGGGACG	CAAGCGCAAG	AAACGCACGA	GCATCGAGGT	GAGCGTTAAG
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	GAGCATCGAC	AAGATCGCCG	CCCAGGGACG	CAAGCGCAAG	AAACGCACGA	GCATTGAGGT	GAGCGTTAAG
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	GAGCATTGAC	AAGATCGCCG	CACAGGGACG	CAAGCGCAAG	AAACGCACCA	GCATCGAGGT	AAGCGTTAAG
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	GTCCATTGAT	AAGATTGCCG	CACAGGGACG	CAAGCGAAAG	AAACGCACCTA	GCATCGAGGT	GAGCGTGAAG
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	CAGCATCGAC	AAGATCGCCG	CGCAGGGCCG	CAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTGAAG
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	AAGCATTGAC	AAAATTGCCG	CTCAGGGTCG	TAAGCGTAAG	AAACGAACCA	GCATTGAAGT	GAGCGTTAAA
<i>coremacera_marginata_gca914767935v1/1-8123</i>	CAGTATTGAT	AAGATCGCCG	CCCAGGGCCG	CAAGCGCAAG	AAACGAACAA	GTATCGAAGT	GAGTGTAAAG
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	CAGCATCGAC	AAGATCGCCG	CCCAGGGCCG	CAAGCGCAAG	AAACGCACCA	GCATCGAGGT	GAGCGTCAAG
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	GAGCATCGAT	AAAATAGCGG	CGCAGGGCCG	CAAGCGGAAG	AAACGCACCA	GCATTGAGGT	GTCGGTTAAG

<i>drosophila_melanogaster</i> /1-8123	GGGGCACTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATAACCTCG	TTGGCCGACT
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	GGGGCACTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATAACCTCG	TTGGCCGACT
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	GGGGCACTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATAACCTCG	TTGGCCGACT
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	GGGGCACTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATAACCTCG	TTGGCCGACT
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	GGGGCACTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATAACCTCG	CTGGCCGACT
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	GGGGCACTGG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	GGGGCACTGG	AACAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATAACCTCG	CTGGCCGACT
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	GGGGCACTGG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCGT	CCGCCCAGGA	GATAACCTCG	CTGGCCGACT
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	GGGGCACTGG	AACAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	GGGGCGTTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCCT	CCGCGCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	GGCGCCCTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCCT	CCGCGCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	GGCGCCCTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCCT	CCGCGCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCCCAGGA	GATCACCTCG	CTGGCTGACT
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	GGGGCCCTGG	AGCAGCACTT	CCACAAGCAG	CCCAAGCCCT	CCGCCCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	GGGGCCCTGG	AGCAGCACTT	CCACAAGCAG	CCCAAGCCCT	CCGCCCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	GGGGCCCTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCCT	CCGCCCAGGA	GATCACCTCG	CTGGCCGACT
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	GGGGCGCTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCGT	CCGCGCAGGA	GATCACCTCG	CTGGCGGACT
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	GGGGCGCTGG	AGCAGCACTT	CCACAAGCAG	CCCAAGCCCT	CCGCCCAGGA	GATCTCCTCG	CTGGCGGACT
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	GGAGCCCTCG	AGCAGCATTT	CCACAAGCAA	CCGAAGCCTT	CCGCCCAGGA	GATATCCTCG	CTGGCCGACT
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	GGAGCCCTCG	AGCAGCACTT	CCACAAGCAA	CCGAAGCCCT	CCGCCCAGGA	GATATCCTCG	CTGGCCGACT
<i>drosophila_guanche_gca900245975v1rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCGACAGGA	GATCTCCGCC	CTGGCGGACT
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCGACAGGA	GATCTCCGCC	CTGGCGGACT
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCGACAAGA	GATCTCCGCC	CTGGCGGACT
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCGACAGGA	GATCTCCTCG	CTGGCGGACT
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCGACAGGA	GATCTCCTCG	CTGGCGGACT
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCGAAGCCAT	CCGCGACAGGA	GATCTCCTCG	CTGGCGGACT
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	GGTGCTCTGG	AGCAGCATTT	CCATAAACAG	CCGAAAACCT	CCGCTCAGGA	GATATCCTCC	CTGGCCGATT
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	GGTGCCCTCG	AGCAGCATTT	CCACAAGCAG	CCAAAACCTT	CAGCCCAGGA	GATCACATCG	CTGGCGGACT
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	GGTGCCCTGG	AGCAGCATTT	CCACAAGCAG	CCAAAGCCAT	CCGCCCAGGA	GATCACCTCG	CTGGCGGACT
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	GGCGCCTTGG	AGCAGCACTT	CCACAAGCAG	CCAAAGCCCT	CCGCCCAGGA	GATCACCTCG	CTGGCGGACT
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	GGCGCCTTGG	AGCAGCACTT	CCACAAGCAG	CCAAAGCCCT	CCGCCCAGGA	GATCACATCG	CTAGCGGACT
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	GGCGCCTTGG	AGCAGCACTT	CCACAAGCAG	CCAAAGCCCT	CCGCCCAGGA	GATCACCTCG	CTGGCGGACT
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	GGCGCCTTGG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCCT	CCGCGCAGGA	GATCACCTCG	CTGGCGGACT
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	GGCGCACTGG	AGCAGCATTT	CCACAAGCAG	CCAAAACCTT	CCGCGCAGGA	GATCACATCG	CTGGCGGACT
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	GGCGCACTCG	AACAGCATTT	CCATAAGCAG	CCAAAACCTT	CCGCCCAGGA	GATCACATCG	CTGGCGGACT
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	GGCGCTCTGG	AGCAGCATTT	CCACAAGCAG	CCAAAGCCCT	CCGCGCAGGA	GATCACCTCG	CTGGCGGACT
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	GGTGCACTAG	AACAACATTT	TCATAAACAA	CCAAAGCCAT	CGGCTCAAGA	GATCACATCG	CTGGCAGATT
<i>coremacera_marginata_gca914767935v1/1-8123</i>	GGTGCTTTGG	AGCAACATTT	TCATAAACAG	CCGAAGCCAT	CAGCGCAGGA	GATCTCTTCG	TTAGCGGACT
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	GGCGCCCTCG	AGCAGCACTT	CCACAAGCAG	CCGAAGCCGT	CCGCGCAGGA	GATCACGGCG	CTGGCGGACT
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	GGGGCCCTCG	AGCAGCACTT	TCATAAGCAA	CCAAAACCGT	CCGCCCAGGA	GATTTCTGTA	CTGGCCGACA

<i>drosophila_melanogaster</i> /1-8123	CCTTGCAGCT	GGAGAAGGAG	GTGGTACGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	TAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	TAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	TAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TATGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TCTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TCTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TTTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TTTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	CCCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	CCCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_guanche_gca00245975v1rs/1-8123</i>	CCCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	CCCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TTTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TTTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	CCCTTCAACT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	CCCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TTTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TCTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	TAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>coremacera_marginata_gca914767935v1/1-8123</i>	CCTTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TTTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	CGCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TGTGGTTCTG	CAATCGGCGG	CAGAAGGAGA	AGCGCATGAC
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	CCCTGCAGCT	GGAGAAGGAG	GTGGTGCGCG	TCTGGTTCTG	CAATCGGCGG	CAAAAGGAGA	AGCGCATGAC

drosophila_melanogaster/1-8123	GCCGCCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_mauritiana_gca004382145v1rs/1-8123	GCCACCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_simulans_gca016746395v2rs/1-8123	GCCACCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_sechellia_gca004382195v2rs/1-8123	GCCACCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_erecta_gca003286155v2rs/1-8123	GCCGCCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_santomea_gca016746245v2rs/1-8123	GCCGCCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCCGGT	--CATATG--	-CATC-----
drosophila_yakuba_gca016746365v2rs/1-8123	GCCGCCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_teissieri_gca016746235v2rs/1-8123	GCCGCCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CATATG--	-CATC-----
drosophila_eugracilis_gca018153835v1rs/1-8123	GCCGCCAAAT	ACGTTGGGCG	GTGATATGAT	GGACGGCATG	CCGCCGGGT	--CATATG--	-CATC-----
drosophila_biarmipes_gca025231255v1rs/1-8123	GCCGCCGAAC	ACGCTCGGCG	GTGATATGAT	GGACGGCATG	CCGCCGGGT	--CACATG--	-CATC-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	GCCGCCGAAT	ACGCTCGGCG	GTGATATGAT	GGACGGCATG	CCGCCGGGT	--CACATG--	-CATC-----
drosophila_suzukii_gca013340165v1rs/1-8123	GCCGCCGAAT	ACGCTCGGCG	GTGATATGAT	GGACGGCATG	CCGCCGGGT	--CATATG--	-CATC-----
drosophila_takahashii_gca018152695v1rs/1-8123	GCCGCCGAAC	ACACTCGGTG	GCGATATGAT	GGACGGGATG	CCGCCGGGT	--CATATGGG	TCATC-----
drosophila_elegans_gca000224195v2rs/1-8123	GCCGCCGAAT	ACGCTGGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGT	--CACATG--	-CACC-----
drosophila_gunungcola_gca025200985v1rs/1-8123	GCCGCCGAAT	ACGCTGGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGT	--CACATG--	-CACC-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	GCCGCCGAAT	ACGCTGGGTG	GTGACATGAT	GGACGGAATG	CCGCCGGGT	--CACATG--	-CACC-----
drosophila_ficusphila_gca018152265v1rs/1-8123	CCCACCGAAC	ACGCTCGGCG	GCGACATGAT	GGACGGAATG	CCGCCCAGT	--CACATG--	-CACC-----
drosophila_kikkawai_gca018152535v1rs/1-8123	GCCGCCAAAT	ACACTCGGTG	GCGACATGAT	GGACGGCATG	CCGCCGGGA	--CATATG--	-CATC-----
drosophila_ananassae_gca017639315v2rs/1-8123	GCCACCGAAT	ACCATAGGCG	GGGACATGAT	GGACGGCATG	CCGCCGGGC	--CACATG--	-CATC-----
drosophila_bipectinata_gca000236285v2rs/1-8123	GCCACCGAAC	ACCTCTGGCG	GGGACATGAT	GGACGGCATG	CCGCCGGGC	--CACATG--	-CACC-----
drosophila_guanche_gca900245975v1rs/1-8123	GCCGCCGAAT	ACACTCGGTG	GTGATATGAT	GGATGGCATG	CCGCCGGGG	--CATATG--	-CACC-----
drosophila_subobscura_gca008121235v1rs/1-8123	GCCGCCGAAT	ACACTCGGTG	GCGATATGAT	GGATGGCATG	CCGCCGGGC	--CATATG--	-CACC-----
drosophila_obscura_gca018151105v1rs/1-8123	GCCGCCAAAC	ACACTCGGTG	GGGATATGAT	GGATGGCATG	CCGCCGGGG	--CATATG--	-CATC-----
drosophila_miranda_gca003369915v2rs/1-8123	GCCACCCAAT	ACCTCTGGGTG	GGGATATGAT	GGACGGAATG	CCGCCGGGG	--CACATG--	-CACC-----
drosophila_persimilis_gca003286085v2rs/1-8123	GCCGCCCAAT	ACCTCTGGGTG	GGGATATGAT	GGACGGAATG	CCGCCGGGG	--CACATG--	-CACC-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GCCGCCCAAT	ACCTCTGGGTG	GGGATATGAT	GGACGGAATG	CCGCCGGGG	--CACATG--	-CACC-----
drosophila_willistoni_gca018902025v2rs/1-8123	ACCGCCAAAC	ACTCTCGGCG	GCGACATGAT	GGACGGCATG	CCACCGGGCA	GTCATATGGG	CCATC-----
drosophila_albomicans_gca009650485v2rs/1-8123	GCCGCCAAAT	ACACTGGGTG	GCGATATGAT	GGATGGCATG	CCACCGGGG	--CATATGGG	ACATC-----
drosophila_innubila_gca004354385v1rs/1-8123	ACCGCCAAAT	ACACTGGGTG	GGGATATGAT	GGATGGCATG	CCACCGGGT	--CATATG--	-CATC-----
drosophila_arizonae_gca001654025v1rs/1-8123	GCCACCGAAC	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCACCGGGA	--CATATG--	-CACC-----
drosophila_mojavensis_gca018153725v1rs/1-8123	GCCACCGAAC	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCACCGGGA	--CATATG--	-CACC-----
drosophila_navajoa_gca001654015v2rs/1-8123	GCCACCGAAC	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCACCGGGA	--CATATG--	-CACC-----
drosophila_hydei_gca003285905v2rs/1-8123	ACCGCCGAAT	ACGCTCGGTG	GCGACATGAT	GGACGGCATG	CCACCGGGA	--CACATG--	-CATC-----
drosophila_virilis_gca003285735v2rs/1-8123	GCCGCCGAAC	ACGCTCGGTG	GCGATATGAT	GGACGGCATG	CCACCGGGC	--CATATG--	-CATC-----
drosophila_grimshawi_gca018153295v1rs/1-8123	GCCACCGAAT	ACACTCGGCG	GTGATATGAT	GGATGGCATG	CCACCGGGA	--CATATG--	-CATC-----
drosophila_busckii_gca011750605v1rs/1-8123	GCCCCCAAAT	ACGCTCGGCG	GCGACATGAT	GGACGGCATG	CCACCGGGC	--CATATG--	-CACC-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	ACCACCAAAT	ACAATGGGTG	GCGATATGAT	GGACGGTATG	CCACCAGGC	--CATATG--	-CACCC-----
coremacera_marginata_gca914767935v1/1-8123	GCCACCGAAC	ACGATGGGCG	GAGAAATGAT	GGACGGTATG	CCACCCGGC	--CACATG--	-CACCC-----
myopa_tessellatipennis_gca943737955v1/1-8123	GCCGCCGAAC	ACGATGGGCG	GCGACATGAT	GGACGGCATG	CCGCCGGGC	--CACATG--	-CACCC-----
machimus_atricapillus_gca933228815v1/1-8123	ACCGCCAAAT	ACGCTGGGAA	ATGAAATGAT	GGACGGTATG	CCACCTCG	--CACCTG--	-GGACATGGC

drosophila_melanogaster/1-8123	----ATGGTG	GCTATCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_mauritiana_gca004382145v1rs/1-8123	----ACGGTG	GCTATCATCC	GCATCAGGAC	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_simulans_gca016746395v2rs/1-8123	----ATGGTG	GCTATCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_sechellia_gca004382195v2rs/1-8123	----ATGGTG	GCTATCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_erecta_gca003286155v2rs/1-8123	----ACGGTG	GCTACCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_santomea_gca016746245v2rs/1-8123	----ACGGTG	GCTATCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_yakuba_gca016746365v2rs/1-8123	----ACGGTG	GCTATCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_teissieri_gca016746235v2rs/1-8123	----ACGGTG	GCTACCATCC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCCCACT
drosophila_eugracilis_gca018153835v1rs/1-8123	----ATGGTG	GCTATCATCC	GCATCAGGAT	---ATGCATG	GCAGTCCAAT	GGGCACCCAT	---TCCCACT
drosophila_biarmipes_gca025231255v1rs/1-8123	----ACGGTG	GCTACCATCC	GCACCACGAA	---ATGCACG	GCAGTCCCAT	GGGCACCCAT	---TCCCACT
drosophila_subpulchrella_gca014743375v2rs/1-8123	----ATGGTG	GCTATCATCC	GCACCACGAC	---ATGCACG	GCAGTCCCAT	GGGCACCCAC	---TCCCATTT
drosophila_suzukii_gca013340165v1rs/1-8123	----ACGGTG	GCTATCATCC	GCACCACGAC	---ATGCACG	GCAGTCCCAT	GGGCACCCAC	---TCCCATTT
drosophila_takahashii_gca018152695v1rs/1-8123	----ATGGTG	GCTATCATCC	GCATCAGGAT	---ATGCACG	GCAGCCCCAT	GGGCACCCAC	---TCGCATT
drosophila_elegans_gca000224195v2rs/1-8123	----ACGGTG	GCTATCATCC	GCACCACGAC	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCGCATT
drosophila_gunungcola_gca025200985v1rs/1-8123	----ACGGTG	GCTATCATCC	GCACCACGAC	---ATGCACG	GCAGTCCGAT	GGGCACACAC	---TCGCATT
drosophila_rhopaloea_gca018152115v1rs/1-8123	----ACGGTG	GCTATCATCC	GCACCACGAC	---ATGCACG	GCAGTCCGAT	GGGCACCCAC	---TCGCATT
drosophila_ficusphila_gca018152265v1rs/1-8123	----ACGGTG	GCTACCATCC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCACCCAC	---TCCCACT
drosophila_kikkawai_gca018152535v1rs/1-8123	----ATGGAG	GCTACCATCC	GCACCATGAC	---ATGCACG	GCAGCCCCAT	GGGCACCCAC	---TCGCATT
drosophila_ananassae_gca017639315v2rs/1-8123	----ACGGTG	GCTACCATCC	GCACCACGAC	---ATGCACG	GCAGTCCCAT	GGGCACCCAC	---TCGCATT
drosophila_bipectinata_gca000236285v2rs/1-8123	----ATGGTG	GCTACCATCC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGTACCCAC	---TCGCATT
drosophila_guanche_gca900245975v1rs/1-8123	----ATGGGG	GCTACCAACC	ACATCAGGAT	---ATGCATG	GCAGCCCCAT	GGGCACACAC	---TCGCATT
drosophila_subobscura_gca008121235v1rs/1-8123	----ATGGGG	GCTACCAACC	ACATCAGGAT	---ATGCATG	GCAGCCCCAT	GGGCACACAC	---TCGCATT
drosophila_obscura_gca018151105v1rs/1-8123	----ATGGGG	GCTACCAACC	ACACCACGAT	---ATGCACG	GCAGTCCCAT	GGGCACCCAT	---TCGCATT
drosophila_miranda_gca003369915v2rs/1-8123	----ATGGAG	GCTACCAACC	ACACCACGAT	---ATGCACG	GCAGCCCCAT	GGGCACCCAT	---TCGCATT
drosophila_persimilis_gca003286085v2rs/1-8123	----ATGGGG	GCTACCAACC	ACACCACGAT	---ATGCACG	GCAGCCCCAT	GGGCACCCAT	---TCGCATT
drosophila_pseudoobscura_gca009870125v2rs/1-8123	----ATGGGG	GCTACCAACC	ACACCACGAT	---ATGCACG	GCAGCCCCAT	GGGCACCCAT	---TCGCATT
drosophila_willistoni_gca018902025v2rs/1-8123	----ATGGCG	GCTATCACTC	GCATCAGGAT	CACATGCACG	GCAGTCCAAT	GGGCACCCAT	CACATGCATT
drosophila_albomicans_gca009650485v2rs/1-8123	----ATGGTG	GTTATCACAC	GCATCAGGAT	---ATGCACG	GCAGTCCGAT	GGGCAACCAT	---TCGCATT
drosophila_innubila_gca004354385v1rs/1-8123	----ATGGTG	GCTATCACTC	CCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATA
drosophila_arizonae_gca001654025v1rs/1-8123	----ACGGTG	GCTACCACTC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATA
drosophila_mojavensis_gca018153725v1rs/1-8123	----ACGGTG	GCTACCACTC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATA
drosophila_navajoa_gca001654015v2rs/1-8123	----ACGGTG	GCTACCACTC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATA
drosophila_hydei_gca003285905v2rs/1-8123	----ACGGTG	GCTATCACTC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATA
drosophila_virilis_gca003285735v2rs/1-8123	----ACGGTG	GCTATCACTC	CCACCACGAT	---ATGCACG	GCAGTCCCAT	GGGCAATCAT	---TCGCATA
drosophila_grimshawi_gca018153295v1rs/1-8123	----ATGGGG	GCTATCACAC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATA
drosophila_busckii_gca011750605v1rs/1-8123	----ACGGTG	GCTATCACTC	CCATCAGGAT	---ATGCACG	GCAGCCCCAT	GGGCAACCAT	---TCGCATT
bactrocera_neohumeralis_gca024586455v2rs/1-8123	--ACATGGCG	GCTACCATCC	ACATCAGGAT	---ATGCATG	GAAGTCCAAT	GGGTACACAC	---AGTCACA
coremacera_marginata_gca914767935v1/1-8123	--ACACCCTG	GCTACCAACC	ACACCATGAT	---ATGCATG	GTAGTCCAAT	GGGTACGCAC	---AGCCACA
myopa_tessellatipennis_gca943737955v1/1-8123	--GCACCCCG	GCTACCAACC	GCACCACGAC	---ATGCACG	GCAGCCCCAT	GGGCACGCAC	---AGCCACA
machimus_atricapillus_gca933228815v1/1-8123	GGCCATGGGG	GCTACCAACC	GCACCACGAT	---GTGCACG	GTAGCCCCAT	GGGCACCCAC	---AGTCACA

drosophila_melanogaster/1-8123	CGCACAGTCC	GCCCATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_mauritiana_gca004382145v1rs/1-8123	CGCACAGTCC	GCCCATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_simulans_gca016746395v2rs/1-8123	CGCACAGTCC	GCCCATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_sechellia_gca004382195v2rs/1-8123	CGCACAGTCC	GCCCATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_erecta_gca003286155v2rs/1-8123	CGCACAGCCC	GCCCATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_santomea_gca016746245v2rs/1-8123	CGCATAGTCC	GCCGATGCTG	AGTCCACAGA	ATATGCAATC	GTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_yakuba_gca016746365v2rs/1-8123	CGCATAGTCC	GCCGATGCTG	AGTCCACAGA	ATATGCAATC	GTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_teissieri_gca016746235v2rs/1-8123	CGCACAGTCC	GCCCATGCTG	AGTCCACAGA	ATATGCAATC	GTC-----G	GCG--GTA--	-GCGGCGCAT
drosophila_eugracilis_gca018153835v1rs/1-8123	CCCATAGTCC	GCCCATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCA--GTA--	-GCGGCGCAT
drosophila_biarmipes_gca025231255v1rs/1-8123	CCCACAGTCC	GCCCATGCTG	AGTCCACAGA	ACATGCAATC	CTC-----G	GCG--GTA--	-GCGGCGCAC
drosophila_subpulchrella_gca014743375v2rs/1-8123	CCCACAGTCC	GCCCATGCTG	AGTCCACAGA	ATATGCAATC	CTC-----G	GCG--GTA--	-GCGGCACAT
drosophila_suzukii_gca013340165v1rs/1-8123	CCCACAGTCC	GCCCATGCTG	AGTCCACAGA	ATATGCAATC	CTC-----G	GCG--GTT--	-GCGGCGCAT
drosophila_takahashii_gca018152695v1rs/1-8123	CGCACAGTCC	GCCCATGTTG	AGCCCCACAGA	ATATGCAATC	TTC-----G	GCC--GTT--	-TCGGCGCAT
drosophila_elegans_gca000224195v2rs/1-8123	CGCACAGTCC	GCCGATGCTG	AGCCCCACAGA	ATATGCAATC	TTC-----G	GCC--GTG--	-TCGGCGCAT
drosophila_gunungcola_gca025200985v1rs/1-8123	CGCACAGTCC	GCCGATGCTG	AGCCCCACAGA	ATATGCAATC	TTC-----G	GCC--GTG--	-TCGGCGCAT
drosophila_rhopaloea_gca018152115v1rs/1-8123	CGCACAGTCC	GCCGATGTTG	AGCCCCACAGA	ACATGCAATC	TTC-----G	GCG--GTG--	-TCGGCGCAC
drosophila_ficusphila_gca018152265v1rs/1-8123	CGCACAGCCC	GCCGATGCTG	AGCCCCACAGA	ATATGCAATC	CTC-----G	GCG--GTG--	-GCGGCGCAC
drosophila_kikkawai_gca018152535v1rs/1-8123	CGCACAGCCC	GCCGATGTTG	AGCCCCACAGA	ATATGCAGTC	CTC-----G	TCG--GTGGT	CTCGGCGCAT
drosophila_ananassae_gca017639315v2rs/1-8123	CCCACAGCCC	GCCGATGCTG	AGCCCCACAGA	ACATGCAGTC	AGC-----G	GC-----A--	-GCGGCGCAC
drosophila_bipectinata_gca000236285v2rs/1-8123	CCCACAGCCC	GCCGATGCTG	AGCCCCACAGA	ACATGCAGTC	GGC-----G	GC-----A--	-GCGGCGCAC
drosophila_guanche_gca00245975v1rs/1-8123	CGCACAGCCC	CCCGATGCTC	AGTCCACAGA	ATATGCAATC	GGC-----G	TCG--GTA--	-GCCGCTCAT
drosophila_subobscura_gca008121235v1rs/1-8123	CGCACAGCCC	CCCGATGCTC	AGTCCACAGA	ATATGCAATC	GGC-----G	TCG--GTA--	-GCCGCTCAT
drosophila_obscura_gca018151105v1rs/1-8123	CGCACAGCCC	CCCGATGCTC	AGTCCCCAGA	ACATGCAATC	GGC-----G	TCG--GTA--	-GCCGCTCAC
drosophila_miranda_gca003369915v2rs/1-8123	CGCACAGCCC	CCCGATGCTC	AGTCCCCAGA	ATATGCAATC	GGC-----G	TCG--GTA--	-GCCGCTCAC
drosophila_persimilis_gca003286085v2rs/1-8123	CGCACAGCCC	CCCGATGCTC	AGTCCCCAGA	ATATGCAATC	GGC-----G	TCG--GTA--	-GCCGCTCAC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CGCACAGCCC	CCCGATGCTC	AGTCCCCAGA	ATATGCAATC	GGC-----G	TCG--GTA--	-GCCGCTCAC
drosophila_willistoni_gca018902025v2rs/1-8123	CGCACTCACC	GCCAATGCTT	AGCCCCCAGA	ACATGCAAAAC	AGCCACAACG	GTG--GGG--	-GCGCAGCAT
drosophila_albomicans_gca009650485v2rs/1-8123	CGCATAGTCC	GCCGATGCTG	AGTCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCTCAT
drosophila_innubila_gca004354385v1rs/1-8123	GCCACAGTCC	GCCCATGTTG	AGCCCCCAGA	ATATGCA---	-----G--	-----G--	-TCGGCACAC
drosophila_arizonae_gca001654025v1rs/1-8123	GCCACAGCCC	GCCTATGCTG	AGCCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCTCAC
drosophila_mojavensis_gca018153725v1rs/1-8123	GCCACAGCCC	GCCAATGCTG	AGCCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCTCAC
drosophila_navajoa_gca001654015v2rs/1-8123	GCCACAGCCC	GCCAATGCTG	AGCCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCTCAC
drosophila_hydei_gca003285905v2rs/1-8123	GCCACAGCCC	GCCAATGCTG	AGCCCCACAGA	ACATGCA---	-----G--	-----G--	-TCGGCTCAC
drosophila_virilis_gca003285735v2rs/1-8123	GCCACAGCCC	GCCCATGCTG	AGCCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCGCAC
drosophila_grimshawi_gca018153295v1rs/1-8123	GCCACAGTCC	GCCCATGCTG	AGTCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCGCAT
drosophila_busckii_gca011750605v1rs/1-8123	CGCACAGTCC	GCCCATGCTG	AGCCCCCAGA	ACATGCA---	-----G--	-----G--	-TCGGCGCAT
bactrocera_neohumeralis_gca024586455v2rs/1-8123	GTCACAGCCC	GCCCATGCTT	AGCCCCACAAA	ATATGCAGTC	CGC-----G	ACC--GGT--	-----CAT
coremacera_marginata_gca914767935v1/1-8123	GTCACAGCCC	GCCCATGCTC	AGCCCCACAAA	ATATGCAATC	AGC-----G	ACG--GGG--	-----CAT
myopa_tessellatipennis_gca943737955v1/1-8123	GCCACAGCCC	GCCCATGCTC	AGCCCCCAGA	ACATGCAGTC	GGC-----G	GCG--GGG--	-----CAT
machimus_atricapillus_gca933228815v1/1-8123	GCCATAGTCC	CCCAATGCTC	AGCCCCCAGA	ACATGCAA--	AGT-----G	CCGGCGGT--	-----CAC

<i>drosophila_melanogaster</i> /1-8123	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_mauritiana_gca004382145v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_simulans_gca016746395v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_sechellia_gca004382195v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_erecta_gca003286155v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_santomea_gca016746245v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_yakuba_gca016746365v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_teissieri_gca016746235v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_eugracilis_gca018153835v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_biarmipes_gca025231255v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_subpulchrella_gca014743375v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_suzukii_gca013340165v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_takahashii_gca018152695v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_elegans_gca000224195v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_gunungcola_gca025200985v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_rhopaloea_gca018152115v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_ficusphila_gca018152265v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_kikkawai_gca018152535v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_ananassae_gca017639315v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_bipectinata_gca000236285v2rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_guanche_gca900245975v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_subobscura_gca008121235v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_obscura_gca018151105v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_miranda_gca003369915v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_persimilis_gca003286085v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_pseudoobscura_gca009870125v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>drosophila_willistoni_gca018902025v2rs/1-8123</i>	CAGTTAACGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ATCCAGCTGC	AGCCGGATCA	ACTCCTGCAT
<i>drosophila_albomicans_gca009650485v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_innubila_gca004354385v1rs/1-8123</i>	CAATTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_arizonae_gca001654025v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_mojavensis_gca018153725v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_navajoa_gca001654015v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_hydei_gca003285905v2rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_virilis_gca003285735v2rs/1-8123</i>	CAATTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_grimshawi_gca018153295v1rs/1-8123</i>	CAGTTGGCGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>drosophila_busckii_gca011750605v1rs/1-8123</i>	CAGTTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGC--
<i>bactrocera_neohumeralis_gca024586455v2rs/1-8123</i>	CAATTGGCGG	CTCCTAGCA	ATCAGAAATC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCC	ACTCCTGCAT
<i>coremacera_marginata_gca914767935v1/1-8123</i>	CAGCTTGCGG	CTCCTAGCA	ATCAGAGCTC	CAGGAGTCGA	ACTCAGCTGC	AGCTGCGTCT	ACTCCTGCAT
<i>myopa_tessellatipennis_gca943737955v1/1-8123</i>	CAGCTTGCGG	CCCCTAGCA	ATCAGAGATC	CAGGAGTCGA	ACTCAGCGGC	AGCTGCGTCC	ACTCCTGCAT
<i>machimus_atricapillus_gca933228815v1/1-8123</i>	CAGTTGACGG	CCCCTAGCA	ATCAGAAATC	CAGGAGTCTA	ACTCCGCTGC	AGCTGCAACA	ACG-----

drosophila_melanogaster/1-8123	CCCTCAAT	---	AGTCTA	AGCCAGCAGC	AACAGCAGCA	GCAG	----	---	CAA	---	C	-----
drosophila_mauritiana_gca004382145v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAA	----	---	CAA	---	C
drosophila_simulans_gca016746395v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAA	----	---	CAA	---	C
drosophila_sechellia_gca004382195v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCA	----	---			
drosophila_erecta_gca003286155v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	ACAG	----	---	CAG	---	C
drosophila_santomea_gca016746245v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAGCAACAG	CAACAGCAAC	-----			
drosophila_yakuba_gca016746365v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAGCAGCAG	CAACAG	---	C	-----	
drosophila_teissieri_gca016746235v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAGCAACAG	CAACAG	---	C	-----	
drosophila_eugracilis_gca018153835v1rs/1-8123	CCCTTAAT	---	AGTCTA	AGC	.....	...AGCAACA	ACAG	----	---	CAG	---	C
drosophila_biarmipes_gca025231255v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AACAACA	GCAG	----	---	CAG	---	C
drosophila_subpulchrella_gca014743375v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AACAGCA	GCAG	----	---	CAG	---	C
drosophila_suzukii_gca013340165v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAG	----	---	CAG	---	C
drosophila_takahashii_gca018152695v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AACAACA	GCAG	----	---	CAG	---	C
drosophila_elegans_gca000224195v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAACA	G	----	---			
drosophila_gunungcola_gca025200985v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAA	----	---	CAG	---	C
drosophila_rhopaloea_gca018152115v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...GCAGCA	GCAA	----	---	CAG	---	C
drosophila_ficusphila_gca018152265v1rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AACAGCA	GCAG	----	---	CAG	---	C
drosophila_kikkawai_gca018152535v1rs/1-8123	CCCTCAAT	---	AGCCTA	AGC	.....	...AACAGCA	GCAA	----	---	CAG	---	C
drosophila_ananassae_gca017639315v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAA	----	---	CAC	---	C
drosophila_bipectinata_gca000236285v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAA	----	---	CAC	---	C
drosophila_guanche_gca900245975v1rs/1-8123	CCCTCAAT	---	AGTCTT	AGC	.....	...A	CGAG	----	---	CAA	---	C
drosophila_subobscura_gca008121235v1rs/1-8123	CCCTCAAT	---	AGTCTT	AGC	.....	...A	GCAA	----	---	CAA	---	C
drosophila_obscura_gca018151105v1rs/1-8123	CCCTTAAT	---	AGTCTT	AGC	.....	...AGCAGCA	GCAA	----	---	CAA	---	C
drosophila_miranda_gca003369915v2rs/1-8123	CCCTTAAT	---	AGTCTT	AGC	.....	...AGCAGCA	GCAA	----	---	CAA	---	C
drosophila_persimilis_gca003286085v2rs/1-8123	CCCTCAAT	---	AGTCTA	AGC	.....	...AGCAGCA	GCAA	----	---	CAA	---	C
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CCCTCAAT	---	AGTCTT	AGC	.....	...AGCAGCA	GCAA	----	---	CAA	---	C
drosophila_willistoni_gca018902025v2rs/1-8123	CCAATAAT	---	AGTCTG	AGT	.....	...AGCAGCA	GCAG	----	---	CAA	---	C
drosophila_albomicans_gca009650485v2rs/1-8123	---	CAACAA	CAATAGTCTG	CAA	.....	...AGCAACA	-----	---				
drosophila_innubila_gca004354385v1rs/1-8123	---	CAACAA	CAATAGTCTG	CAC	.....	...AGCAACA	-----	---				GCAACAACAG
drosophila_arizonae_gca001654025v1rs/1-8123	---	AAAC	AGTCTG	CAC	.....	...AGCAGCA	ACAG	----	---	CAG	---	C
drosophila_mojavensis_gca018153725v1rs/1-8123	---	AAAC	AGTCTG	CAC	.....	...AGCAGCA	ACAG	----	---	CAG	---	C
drosophila_navajoa_gca001654015v2rs/1-8123	---	AAAC	AGTCTG	CAC	.....	...AGCAGCA	ACAG	----	---	CAG	---	C
drosophila_hydei_gca003285905v2rs/1-8123	---	AAAC	AGTCTG	CAC	.....	...ACCAACA	GCAA	----	---	CAA	---	C
drosophila_virilis_gca003285735v2rs/1-8123	---	CAAC	AGTCTG	CAC	.....	...AACAACA	GCAA	----	---	CAG	---	C
drosophila_grimshawi_gca018153295v1rs/1-8123	---	AAAT	AGTCTG	CAC	.....	...ACCAACA	GCAG	----	---	CAA	---	C
drosophila_busckii_gca011750605v1rs/1-8123	---	AAAC	AGTCTG	CAC	.....	...AGCAACA	GCTA	----	---	CAG	---	C
bactrocera_neohumeralis_gca024586455v2rs/1-8123	C	-----	GCTG	CAT	.....			----	---		
coremacera_marginata_gca914767935v1/1-8123	C	-----	TCTT	CAC	.....			----	---		
myopa_tessellatipennis_gca943737955v1/1-8123	C	-----	CCTC	CAC	.....			----	---		
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	TCTT	CGG	.....			----	---		

drosophila_melanogaster/1-8123	-A-----	-GCAGCAGCA	GCAACACCAG	CAACA-----	-GCAGC-----	--AACATCAG	-----CA--
drosophila_mauritiana_gca004382145v1rs/1-8123	-A-----	----GCAGCA	GCAACACCAG	CAACA-----	-GCAGC-----	--AACATCAG	-----CA--
drosophila_simulans_gca016746395v2rs/1-8123	-A-----	----GCAGCA	GCAACACCAG	CAACA-----	-GCAGC-----	--AACATCAG	-----CA--
drosophila_sechellia_gca004382195v2rs/1-8123	-----	-----	GCAACACCAG	CAACA-----	-GCAGC-----	--AACATCAG	-----CA--
drosophila_erecta_gca003286155v2rs/1-8123	-A-----	-GCAGCAGCA	GCAACACCAG	CAACA-----	-GCAGC-----	--AGCATCAG	-----CA--
drosophila_santomea_gca016746245v2rs/1-8123	-A-----	-GCAGCAGCA	GCAGCAGCAA	CACCA-----	-GCAAC-----	--AGCAGCAA	-----CA--
drosophila_yakuba_gca016746365v2rs/1-8123	-A-----	-ACAGCAGCA	GCAGCAGCAA	CACCA-----	-GCAAC-----	--AGCAGCAA	-----CA--
drosophila_teissieri_gca016746235v2rs/1-8123	-A-----	-GCAGCAGCA	GCAACACCAG	CAACA-----	-GCAGC-----	--AACATCAG	-----CA--
drosophila_eugracilis_gca018153835v1rs/1-8123	-A-----	-GCAGCAGCA	ACAACACCAG	CAACA-----	-GCAGCAGCA	ACAGCAACAT	-----CA--
drosophila_biarmipes_gca025231255v1rs/1-8123	-A-----	-GCAGCAGCA	ACACCAGCAG	CAACA-----	-GCAGCAGCA	ACATCAGCAG	-----CA--
drosophila_subpulchrella_gca014743375v2rs/1-8123	-A-----	-GCAGCAGCA	ACACCAGCAG	CAACAGCAAC	AGCAGCAGCA	ACATCAGCAG	-----CA--
drosophila_suzukii_gca013340165v1rs/1-8123	-A-----	-ACAGCAGCA	ACACCAGCAG	CAACA-----	-GCAGCAGCA	ACATCAGCAG	-----CA--
drosophila_takahashii_gca018152695v1rs/1-8123	-A-----	-GCAGCAGCA	GCAACACCAG	CAGCA-----	-GCAACAGCA	ACACCAGCAG	-----CA--
drosophila_elegans_gca000224195v2rs/1-8123	---CAACAGC	AGCAGCAGCA	GCAACACCAG	CAACA-----	-GCAGCAACA	GCAGCAGCAT	-----CA--
drosophila_gunungcola_gca025200985v1rs/1-8123	-AACAGCAGC	AGCAGCAGCA	GCAACACCAG	CAACA-----	-GCAGCAACA	GCAGCAGCAT	-----CA--
drosophila_rhopaloea_gca018152115v1rs/1-8123	-AACAAACAGC	AGCAGCAGCA	GCAACACCAG	CAACA-----	-GCA--A-CA	GCAGCAACAT	-----CA--
drosophila_ficusphila_gca018152265v1rs/1-8123	-A-----	-GCAGCAGCA	GCAACACCAG	CAACA-----	-GCAACAA--	-----CAT	-----CA--
drosophila_kikkawai_gca018152535v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAGCAA--	-----CAC	CTGCAACA--
drosophila_ananassae_gca017639315v2rs/1-8123	-A-----	-GCAACAG--	-----	CA-----	-GCAGCAA--	-----CAC	-----CA--
drosophila_bipectinata_gca000236285v2rs/1-8123	-A-----	-GCAACAG--	-----	CA-----	-GCAGCAA--	-----CAC	-----CA--
drosophila_guanche_gca900245975v1rs/1-8123	-A-----	-ACAGCAG--	-----	CA-----	-GCAGCAA--	-----GTG	-----TT--
drosophila_subobscura_gca008121235v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAGCAA--	-----GTG	-----TT--
drosophila_obscura_gca018151105v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAGCAA--	-----GTG	-----TT--
drosophila_miranda_gca003369915v2rs/1-8123	CA-----	-GCAGCAA--	-----	CA-----	-GCAGCAA--	-----GTG	-----TT--
drosophila_persimilis_gca003286085v2rs/1-8123	CA-----	-GCAGCAA--	-----	CA-----	-GCAGCAA--	-----GTG	-----TT--
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CA-----	-GCAGCA--	-----	-----	A-----	-----GTG	-----TT--
drosophila_willistoni_gca018902025v2rs/1-8123	-A-----	-TCA-----	-----	-----	-----	-----	-----
drosophila_albomicans_gca009650485v2rs/1-8123	-----	-----	-----	-----	-----	-----	-----
drosophila_innubila_gca004354385v1rs/1-8123	CA-----	-GCAGCAG--	-----	CA-----	-GCAGCAA--	-----CAA	-----CAAC
drosophila_arizonae_gca001654025v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAGCAA--	-----CAA	-----CAAC
drosophila_mojavensis_gca018153725v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAACAA--	-----CAA	-----CAGC
drosophila_navajoa_gca001654015v2rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GC--AA--	-----CAA	-----CAAC
drosophila_hydei_gca003285905v2rs/1-8123	-A-----	-GCAACAG--	-----	CA-----	-GCAGCAG--	-----CAG	-----CAAC
drosophila_virilis_gca003285735v2rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAGCAG--	-----CAA	-----CAAC
drosophila_grimshawi_gca018153295v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAACAA--	-----CAG	-----CAGC
drosophila_busckii_gca011750605v1rs/1-8123	-A-----	-GCAGCAG--	-----	CA-----	-GCAGCAA--	-----CAA	-----CAAC
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	-----	-----	-----	-----	-----CAA	-----CA--
coremacera_marginata_gca914767935v1/1-8123	-----	-----	-----	-----	-----	-----CAG	CATCAACA--
myopa_tessellatipennis_gca943737955v1/1-8123	-----	-----	-----	-----	-CAGCAG--	-----CAG	-----CA--
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	-----	-----	-CACCAA--	-----CAG	-----CA--

drosophila_melanogaster/1-8123	-GCA-----	---GCAG---	-----CAC-	-----ACACC	GAATACACCA	TCCTCCAGTG	-CGGGATCAT
drosophila_mauritiana_gca004382145v1rs/1-8123	-GCA-----	-----G---	-----CAC-	-----ACACC	GAATACACCA	TCCTCCAGTG	-CGGGATCAT
drosophila_simulans_gca016746395v2rs/1-8123	-GCA-----	-----G---	-----CAC-	-----ACACC	GAATACACCA	TCCTCCAGTG	-CGGGATCAT
drosophila_sechellia_gca004382195v2rs/1-8123	-GCA-----	-----G---	-----CAC-	-----ACACC	GAATACACCA	TCCTCCAGTG	-CGGGATCAT
drosophila_erecta_gca003286155v2rs/1-8123	-GCAGCA---	---GCAG---	-----CAC-	-----ACACC	GAATACGCCA	TCCTCCAGTG	-CGGGATCAT
drosophila_santomea_gca016746245v2rs/1-8123	-TCAGCA---	---GCAG---	-----CAC-	-----ACACC	GAATACGCCA	TCCTCCAGTG	-CGGGATCAT
drosophila_yakuba_gca016746365v2rs/1-8123	-TCAGCA---	---GCAG---	-----CAC-	-----ACACC	GAATACGCCA	TCCTCCAGTG	-CGGGATCAT
drosophila_teissieri_gca016746235v2rs/1-8123	-GCAGCA---	---GCAG---	-----CAC-	-----ACACC	GAATACGCCA	TCCTCCAGTG	-CGGGATCAT
drosophila_eugracilis_gca018153835v1rs/1-8123	-ACAGCA---	---GCAA---	-----CAT-	-----ACACC	GAATACACCA	TCTTCCAGTG	-CGGGTTCAT
drosophila_biarmipes_gca025231255v1rs/1-8123	-GCAGCA---	---GCAG---	-----CAC-	-----ACACC	GAACACACCA	TCCTCCAGCG	-CGGGATCAT
drosophila_subpulchrella_gca014743375v2rs/1-8123	-GCAGCA---	---GCAA---	-----CAC-	-----ACACC	GAATACACCA	TCCTCCAGTG	-CGGGCTCAT
drosophila_suzukii_gca013340165v1rs/1-8123	---GCA---	---GCAA---	-----CAC-	-----ACACC	GAATACACCA	TCCTCCAGTG	-CGGGCTCAT
drosophila_takahashii_gca018152695v1rs/1-8123	-ACAGCA---	---GCAA---	-----CAC-	-----ACACC	GAATACACCA	TCCTCGAGTG	-CCGGATCAT
drosophila_elegans_gca000224195v2rs/1-8123	-GCAGCA---	---GCAA---	-----CAC-	-----ACTCC	GAATACACCT	TCGTCCAGTG	-CGGGATCGT
drosophila_gunungcola_gca025200985v1rs/1-8123	-GCAGCA---	---GCAA---	-----CAC-	-----ACTCC	GAATACACCT	TCGTCCAGTG	-CGGGATCGT
drosophila_rhopaloea_gca018152115v1rs/1-8123	-GCAGCA---	---GCAA---	-----CAC-	-----ACACC	GAATACGCCG	TCATCCAGTG	-CGGGATCCT
drosophila_ficusphila_gca018152265v1rs/1-8123	-GCAGCA---	---GCAA---	-----CAC-	-----ACACC	GAACACACCA	TCTTCCAGTG	-CGGGCTCGT
drosophila_kikkawai_gca018152535v1rs/1-8123	-GCAGCA---	---GCAA---	-----CAT-	-----ACACC	CAACACACCT	TCCTCCAGTG	-CGGGATCGT
drosophila_ananassae_gca017639315v2rs/1-8123	-GCAGCA---	---GCAA---	-----CAC-	-----ACACC	GAATACACCG	TCGTCCAGTG	-CGGGATCGT
drosophila_bipectinata_gca000236285v2rs/1-8123	-ACAGCA---	---GCAG---	-----CAC-	-----ACACC	CAACACACCT	TCGTCCAGTG	-CGGGATCGT
drosophila_guanche_gca900245975v1rs/1-8123	-GCAACATCA	GCAGCAG---	-----CAT-	-----ACACC	GAATACCCCA	TCGTCCAGTG	-TTGGTTCAT
drosophila_subobscura_gca008121235v1rs/1-8123	-GCAACATCA	GCAGCAG---	-----CAT-	-----ACACC	GAATACCCCA	TCGTCCAGTG	-TTGGTTCAT
drosophila_obscura_gca018151105v1rs/1-8123	-GCAACATCA	GCAGCAG---	-----CAT-	-----ACACC	GAATACACCA	TCGTCCAGTG	-TTGGATCAT
drosophila_miranda_gca003369915v2rs/1-8123	-GCAACATCA	GCAGCAG---	-----CAT-	-----ACACC	GAACACACCG	TCGTCCAGTG	-TGGGATCAT
drosophila_persimilis_gca003286085v2rs/1-8123	-GCAACATCA	GCAGCAG---	-----CAT-	-----ACACC	GAACACACCG	TCGTCCAGTG	-TGGGATCAT
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-GCAACATCA	GCAGCAG---	-----CAT-	-----ACACC	GAACACACCG	TCGTCCAGTG	-TGGGATCAT
drosophila_willistoni_gca018902025v2rs/1-8123	-----	-----	-----	-----CGCC	CA-TACGCCT	TCGTCCAGTG	GCGGTAGTAC
drosophila_albomicans_gca009650485v2rs/1-8123	-----	-----A	-----CAT-	-----GCGCC	CAATACGCCA	TCGTCCAGTG	-CGGGTTCGT
drosophila_innubila_gca004354385v1rs/1-8123	AGCAGCAGCA	GCAGCAGCAA	CAACAACAC	-----ACGCC	CAATACGCCC	TCTTCCAGTG	-CGGGATCCT
drosophila_arizonae_gca001654025v1rs/1-8123	AGCAGCAGCA	GCAGCAGCAA	-----CAC-	-----ACGCC	CAATACACCC	TCATCCAGTG	-CGGGCTCCT
drosophila_mojavensis_gca018153725v1rs/1-8123	AGCAGCAGCA	GCAGCAGCAA	-----CAC-	-----ACGCC	CAATACACCC	TCATCCAGTG	-CGGGCTCCT
drosophila_navajoa_gca001654015v2rs/1-8123	AGCAGCAGCA	GCAGCAGCAA	-----CAC-	-----ACGCC	CAATACACCC	TCATCCAGTG	-CGGGCTCCT
drosophila_hydei_gca003285905v2rs/1-8123	AACAGCAGCA	GCAGCAGCAG	-----CAT-	-----ACGCC	CAATACACCT	TCATCTAGTG	-CGGGCTCCT
drosophila_virilis_gca003285735v2rs/1-8123	AGCAGCAGCA	GCAGCAGCAG	-----CTC-	-----ACGCC	CAATACGCCC	TCTTCTAGTG	-CGGGCTCCT
drosophila_grimshawi_gca018153295v1rs/1-8123	AGCAGCAGCA	ACAACAACAA	-----CAC-	-----ACGCC	CAACACACCC	TCATCCAGTG	-CGGGCTCCT
drosophila_busckii_gca011750605v1rs/1-8123	AGCAGCAGCA	GCAGCAG---	-----CTC-	-----ACGCC	CAATACGCCC	TCGTCCAGTG	-CGGGCTCAT
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-CCAGCCACA	TAACCAA---	-----CAT-	-----GCGCC	CAACACGCCG	TCCTCTTCGG	-GCGGCTCCT
coremacera_marginata_gca914767935v1/1-8123	-CCAGCAGCA	ACAACAG---	-----CAT-	CAC--GGGCC	TACGACGCCT	TCATCGTCCG	-CCGGG----
myopa_tessellatipennis_gca943737955v1/1-8123	-CCACCAGCA	GCAGCAG---	-----CAT-	CAC--GGGCC	CACGACGCC	TCCTCGTCCG	-CCGGC----
machimus_atricapillus_gca933228815v1/1-8123	-CCA-----	-----	-----G	CACCA-----	CACGACTTCT	TCGTCCGTC-	--TGCGTCCCT

drosophila_melanogaster/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_mauritiana_gca004382145v1rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_simulans_gca016746395v2rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_sechellia_gca004382195v2rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_erecta_gca003286155v2rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCT--
drosophila_santomea_gca016746245v2rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_yakuba_gca016746365v2rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_teissieri_gca016746235v2rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_eugracilis_gca018153835v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCACAAAGT	CCGCTGGGCA	GCTCCTCT--
drosophila_biarmipes_gca025231255v1rs/1-8123	CGG--C----	CACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_subpulchrella_gca014743375v2rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_suzukii_gca013340165v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_takahashii_gca018152695v1rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCG--
drosophila_elegans_gca000224195v2rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AAGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_gunungcola_gca025200985v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_rhopaloea_gca018152115v1rs/1-8123	CGG--C----	TACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_ficusphila_gca018152265v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_kikkawai_gca018152535v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCTTCC--
drosophila_ananassae_gca017639315v2rs/1-8123	CAG--T----	GACGATGACC	AGT-----C	AGGTGATGTC	GCCACAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_bipectinata_gca000236285v2rs/1-8123	CGG--T----	GACGATGACC	AGT-----C	AGGTGATGTC	GCCGCAAAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_guanche_gca900245975v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_subobscura_gca008121235v1rs/1-8123	CCG--C----	GACGATGACC	AGC-----C	AGGTAATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_obscura_gca018151105v1rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTAATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_miranda_gca003369915v2rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTAATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_persimilis_gca003286085v2rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTAATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CGG--C----	AACGATGACC	AGC-----C	AGGTAATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_willistoni_gca018902025v2rs/1-8123	CAA--T----	-ACCATGACC	AGC-----C	AGGTGATGTC	GCCTCAGTCT	CCG-----	GCTCA--A--
drosophila_albomicans_gca009650485v2rs/1-8123	CGG--T----	GACGATGACC	AGCCAGGGGC	AGGTGATGTC	GCCTCAGAGT	CCGCTGGGCA	GCGCGTCC--
drosophila_innubila_gca004354385v1rs/1-8123	CGG--T----	GACGATGACA	AGCCAGGGAC	AAGTCATGTC	ACCACAAAGT	CCCTTGGGCA	GCTCCTCA--
drosophila_arizonae_gca001654025v1rs/1-8123	CGG--T----	GACGATGACC	AGTCAGGGTC	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_mojavensis_gca018153725v1rs/1-8123	CGG--T----	GACGATGACC	AGTCAGGGTC	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_navajoa_gca001654015v2rs/1-8123	CGG--T----	GACGATGACC	AGTCAGGGTC	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCA--
drosophila_hydei_gca003285905v2rs/1-8123	CGG--T----	GACGATGACC	AGTCAGGGTC	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
drosophila_virilis_gca003285735v2rs/1-8123	CGG--T----	GACGATGACC	AGTCAGGGTC	AGGTGATGTC	GCCGCAGAGC	CCCTTGGGCA	GCTCCTCA--
drosophila_grimshawi_gca018153295v1rs/1-8123	CGG--T----	GACGATGACC	AGCCAGGGAC	AGGTGATGTC	ACCAGAGAGC	CCCCTGGGCA	GCTCCTCC--
drosophila_busckii_gca011750605v1rs/1-8123	CGG--T----	GACTCTGGCC	AGCCAGGGAC	AGGTGATGTC	GCCGCAGAGT	CCGCTGGGCA	GCTCCTCC--
bactrocera_neohumeralis_gca024586455v2rs/1-8123	CGG--C----	GACAATGACA	A-CCA-----	ACGTGCTGTC	GCCGCAATCG	CCGATCGGC-	-----GG
coremacera_marginata_gca914767935v1/1-8123	-----TCATC	AACGATGACG	A-CGA-----	ATGTGCTGTC	GCCGCAGAGT	CCACTTGGT-	-----GG
myopa_tessellatipennis_gca943737955v1/1-8123	-----TCGTC	GACGATGACG	A-CGA-----	ATGTTCTGTC	GCCGCAGAGT	CCACTCGGC-	-----GG
machimus_atricapillus_gca933228815v1/1-8123	CGGTGTCATC	GACAATGACC	A-CGA-----	CCATCCTTTC	GCCGAATAGT	CCGCTTGGC-	-----GG

drosophila_melanogaster/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAC	-----	-----	A	ATAA	-----
drosophila_mauritiana_gca004382145v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAC	-----	-----	A	ATAA	-----
drosophila_simulans_gca016746395v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAC	-----	-----	A	ATAA	-----
drosophila_sechellia_gca004382195v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAC	-----	-----	A	ATAA	-----
drosophila_erecta_gca003286155v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAC	-----	-----	A	ATAA	-----
drosophila_santomea_gca016746245v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAT	-----	-----	A	ATAA	-----
drosophila_yakuba_gca016746365v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAT	-----	-----	A	ATAA	-----
drosophila_teissieri_gca016746235v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCTAACAAT	-----	-----	A	ATAA	-----
drosophila_eugracilis_gca018153835v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ATAA	-----
drosophila_biarmipes_gca025231255v1rs/1-8123	-----	-----	G	CTGGCAACCA	GGCT	-----	-----	A	ACAA	-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_suzukii_gca013340165v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_takahashii_gca018152695v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_elegans_gca000224195v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_gunungcola_gca025200985v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_ficusphila_gca018152265v1rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_kikkawai_gca018152535v1rs/1-8123	-----	-----	G	CTGGCAACAA	CAAC	-----	-----	A	ACAA	-----
drosophila_ananassae_gca017639315v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_bipectinata_gca000236285v2rs/1-8123	-----	-----	G	CTGGCAATCA	GGCT	-----	-----	A	ACAA	-----
drosophila_guanche_gca900245975v1rs/1-8123	-----	-----	G	CTGGCAATCA	GACT	-----	-----	A	GCAA	-----
drosophila_subobscura_gca008121235v1rs/1-8123	-----	-----	G	CTGGCAATCA	GACT	-----	-----	A	GCAA	-----
drosophila_obscura_gca018151105v1rs/1-8123	-----	-----	G	CTGGCAATCA	GACT	-----	-----	A	GCAA	-----
drosophila_miranda_gca003369915v2rs/1-8123	-----	-----	G	CTGGCAATCA	GACT	-----	-----	A	GCAA	-----
drosophila_persimilis_gca003286085v2rs/1-8123	-----	-----	G	CTGGCAATCA	GACT	-----	-----	A	GCAA	-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----	-----	G	CTGGCAATCA	GACT	-----	-----	A	GCAA	-----
drosophila_willistoni_gca018902025v2rs/1-8123	-----	-----	A	CTAATAATAA	TAAT	-----	-----	A	ACAA	-----
drosophila_albomicans_gca009650485v2rs/1-8123	-----	-----	A	ATGCTGGCCA	GACT	-----	-----	A	ACAA	-----
drosophila_innubila_gca004354385v1rs/1-8123	-----	-----	G	CTGGTGGTCA	GACA	-----	-----	A	ATAATAACAA	-----
drosophila_arizonae_gca001654025v1rs/1-8123	-----	-----	G	CTAATGGTCA	GACG	-----	-----	A	ATAA	-----
drosophila_mojavensis_gca018153725v1rs/1-8123	-----	-----	G	CTAATGGTCA	GACG	-----	-----	A	ACAA	-----
drosophila_navajoa_gca001654015v2rs/1-8123	-----	-----	G	CTAATGGTCA	GACG	-----	-----	A	ACAA	-----
drosophila_hydei_gca003285905v2rs/1-8123	-----	-----	G	CTAATGGTCA	GACG	-----	-----	A	ATAA	-----
drosophila_virilis_gca003285735v2rs/1-8123	-----	-----	G	CTGGTGGTCA	GACG	-----	-----	A	ATAA	-----
drosophila_grimshawi_gca018153295v1rs/1-8123	-----	-----	G	CTGGCGGTCA	GACA	-----	-----	A	ACAA	-----
drosophila_busckii_gca011750605v1rs/1-8123	-----	-----	G	CTGCTGGTCA	GACC	-----	-----	A	ACAA	-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	-----	G	CTGG	-----	-----	-----	A	TTAA	-----
coremacera_marginata_gca914767935v1/1-8123	TA	-----	-----	ATGGTG	CTGG	-----	-----	CAGTGGTAGC	AACAACAACA	ATAA
myopa_tessellatipennis_gca943737955v1/1-8123	CACGGGCTCT	GGCTCTGGCA	ATGG	-----	-----	-----	-----	CAATGGCAAC	AACAACAACA	ACAA
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	G	GTGG	-----	-----	-----	-----	CAAA	-----

drosophila_melanogaster/1-8123	T--AATAATA	ATAACAA	---	---	CAACAAT	AGCAG	---	---	CACCAA	CAATAA	---	---	CA	---
drosophila_mauritiana_gca004382145v1rs/1-8123	T--AA...TA	ACAACAA	---	---	CAAT	AGCAG	---	---	CACCAA	CAATAA	---	---	CA	---
drosophila_simulans_gca016746395v2rs/1-8123	T--AA...TA	ACAACAA	---	---	CAAT	AGCAG	---	---	CACCAA	CAATAA	---	---	CA	---
drosophila_sechellia_gca004382195v2rs/1-8123	T--AA...TA	ACAACAA	---	---	CAACAAT	AGCAG	---	---	CACCAA	CAATAA	---	---	CA	---
drosophila_erecta_gca003286155v2rs/1-8123	C--AA...T-	--AATAA	---	---	CAACAAT	AGCAG	---	---	CACCAA	CAATAA	---	---	CA	---
drosophila_santomea_gca016746245v2rs/1-8123	C--AA...TA	GCAGCAC	---	---	CAACAA	---	---	---	CAA	CAATAA	---	---	TAATA	---
drosophila_yakuba_gca016746365v2rs/1-8123	C--AA...TA	GCAGCAC	---	---	CAACAA	---	---	---	CAA	CAATAA	---	---	TA	---
drosophila_teissieri_gca016746235v2rs/1-8123	C--AA...TA	GCAGCAC	---	---	CAACAA	---	---	---	CAA	CAATAA	---	---	TA	---
drosophila_eugracilis_gca018153835v1rs/1-8123	C--AA...TA	ATAACAA	---	---	CAACAAT	AGCAG	---	---	CACCAA	C--AA	---	---	CA	---
drosophila_biarmipes_gca025231255v1rs/1-8123	C--AA...CA	ACAATAG	---	---	CAGCACC	AACAA	---	---	CAATAA	C--AA	---	---	TA	---
drosophila_subpulchrella_gca014743375v2rs/1-8123	C--AA...CA	ACAATAG	---	---	TAGCACC	AACAA	---	---	TAATAA	C--AA	---	---	TA	---
drosophila_suzukii_gca013340165v1rs/1-8123	C--AA...CA	ACAATAG	---	---	TAGCACC	AACAA	---	---	TAATAA	C--AA	---	---	TA	---
drosophila_takahashii_gca018152695v1rs/1-8123	C--AA...CA	ATAGCAG	---	---	CACCAAC	AACAA	---	---	CAATAA	T--AG	---	---	CA	---
drosophila_elegans_gca000224195v2rs/1-8123	C--AA...CA	ACAACAA	---	---	CAATAGT	AGCAC	---	---	CAACAA	T--AA	---	---	TA	---
drosophila_gunungcola_gca025200985v1rs/1-8123	C--AA...CA	ACAACAA	---	---	CAATAGT	AGTAC	---	---	CAACAA	T--AA	---	---	TA	---
drosophila_rhopaloea_gca018152115v1rs/1-8123	C--AA...CA	ACAACAA	---	---	TAATAGT	AGCAC	---	---	CAACAA	C--AA	---	---	TA	---
drosophila_ficusphila_gca018152265v1rs/1-8123	C--AA...CA	ACAACAA	---	---	CAACAAC	AATAG	---	---	CAGCAC	C--AA	---	---	TA	---
drosophila_kikkawai_gca018152535v1rs/1-8123	C--AA...CA	ACAATAA	---	---	CAATAAT	AATAA	---	---	CAACAA	T--AA	---	---	CA	---
drosophila_ananassae_gca017639315v2rs/1-8123	C--A.....	ACAA	---	---	CAACAAT	AGCAG	---	---	CACCAA	C--AA	---	---	TA	---
drosophila_bipectinata_gca000236285v2rs/1-8123	C--A.....	ACAATAA	---	---	CAACAAT	AGCAG	---	---	CACCAA	C--AA	---	---	TA	---
drosophila_guanche_gca00245975v1rs/1-8123	T--A.....	ATAA	---	---	CAACAAT	AGCAC	---	---	CACCAA	T--AATAAT	AATAATA	---	---	---
drosophila_subobscura_gca008121235v1rs/1-8123	T--A.....	ATAA	---	---	CAACAAT	AGCAC	---	---	CACCAA	T--AATAAT	AATAATA	---	---	---
drosophila_obscura_gca018151105v1rs/1-8123	C--A.....	ATAA	---	---	CAATAAT	AGCAC	---	---	CACCAA	C--AATAAT	AATAATA	---	---	---
drosophila_miranda_gca003369915v2rs/1-8123	C--A.....	ATAA	---	---	CAACAAC	AGCAC	---	---	CACCAA	C--ACAAT	AATAATA	---	---	---
drosophila_persimilis_gca003286085v2rs/1-8123	C--A.....	ACAA	---	---	CAACAAC	AGCAC	---	---	CACCAA	C--ACAAT	AATAATA	---	---	---
drosophila_pseudoobscura_gca009870125v2rs/1-8123	C--A.....	ATAA	---	---	CAACAAC	AGCAC	---	---	CACCAA	C--ACAAT	AATAATA	---	---	---
drosophila_willistoni_gca018902025v2rs/1-8123	C--A.....	ACAATAG	CACCAATAAT	AACAA	---	CAACAA	C--AA	---	---	---	---	---	TA	---
drosophila_albomicans_gca009650485v2rs/1-8123	C--A.....	ACAA	---	---	CAACAAC	A	---	---	---	---	---	---	---	---
drosophila_innubila_gca004354385v1rs/1-8123	C--A.....	ACAA	---	---	CAGCAGC	A	---	---	---	---	---	---	---	---
drosophila_arizonae_gca001654025v1rs/1-8123	C--A.....	ACAA	---	---	TAATAAC	A	---	---	---	---	---	---	---	---
drosophila_mojavensis_gca018153725v1rs/1-8123	T--A.....	ACAA	---	---	TAATAAC	A	---	---	---	---	---	---	---	---
drosophila_navajoa_gca001654015v2rs/1-8123	C--A.....	ACAA	---	---	TAACAAC	A	---	---	---	---	---	---	---	---
drosophila_hydei_gca003285905v2rs/1-8123	C--A.....	ACAA	---	---	CAACAAC	A	---	---	---	---	---	---	---	---
drosophila_virilis_gca003285735v2rs/1-8123	C--A.....	ATAA	---	---	CAACAAC	A	---	---	---	---	---	---	---	---
drosophila_grimshawi_gca018153295v1rs/1-8123	T--A.....	ATAA	---	---	TAATAAC	A	---	---	---	---	---	---	---	---
drosophila_busckii_gca011750605v1rs/1-8123	T--A.....	ATAA	---	---	TAACAAC	AACAACAATA	ATAGCACCAA	C--AA	---	---	---	---	CA	---
bactrocera_neohumeralis_gca024586455v2rs/1-8123	C--T.....	GC	---	---	TAAT	AATAA	---	---	CAACAA	T--AA	---	---	CA	---
coremacera_marginata_gca914767935v1/1-8123	CAAT.....	AC	---	---	CAAC	AATAA	---	---	CAACAA	C--AA	---	---	CA	---
myopa_tessellatipennis_gca943737955v1/1-8123	CAAT.....	AA	---	---	CAAC	CACAG	---	---	CAACAA	C--AA	---	---	CA	---
machimus_atricapillus_gca933228815v1/1-8123	A--T.....	GC	---	---	CAGC	AACAA	---	---	TAACAA	C--AA	---	---	TA	---

drosophila_melanogaster/1-8123	ATAA	T	AA	CA	AT	AACA		A	
drosophila_mauritiana_gca004382145v1rs/1-8123	ATAA	T	AA	TAACA	AC	AACA		A	
drosophila_simulans_gca016746395v2rs/1-8123	ATAA	T	AA	TAACA	AC	AACA		A	
drosophila_sechellia_gca004382195v2rs/1-8123	ATAA	T	AA	TAACA	AC	AACA		A	
drosophila_erecta_gca003286155v2rs/1-8123	ATAACAA	C	AA	CAACA	AC	AACA		A	
drosophila_santomea_gca016746245v2rs/1-8123	ACAACAA	T	AA	CA	AC	AACA		A	
drosophila_yakuba_gca016746365v2rs/1-8123	ATAACAA	C	AA	CA	AC	AACA		A	
drosophila_teissieri_gca016746235v2rs/1-8123	ACAACAA	T	AA	CA	AC	AACA		A	
drosophila_eugracilis_gca018153835v1rs/1-8123	ATAATAA	C	AA	CA	AC	AATA		A	
drosophila_biarmipes_gca025231255v1rs/1-8123	ATAACAA	C	AA	CA	AT	AACA		A	
drosophila_subpulchrella_gca014743375v2rs/1-8123	ATAACAA	C	AA	CA	AT	AACA		A	
drosophila_suzukii_gca013340165v1rs/1-8123	ATAACAA	C	AA	CA	AT	AACA		A	
drosophila_takahashii_gca018152695v1rs/1-8123	ACAACAA	C	AA	CA	AT	AACA		A	
drosophila_elegans_gca000224195v2rs/1-8123	ATAATAA	C	AA	CA	AC	AACA		A	
drosophila_gunungcola_gca025200985v1rs/1-8123	ATAACAA	C	AA	CA	AC	AACA		A	
drosophila_rhopaloea_gca018152115v1rs/1-8123	ATAACAA	C	AA		T	AATA		A	
drosophila_ficusphila_gca018152265v1rs/1-8123	ATAACAA	T	AA	TA	AT	AACA		ACAAC	AATAC
drosophila_kikkawai_gca018152535v1rs/1-8123	ACAACAC	G	AA	CA	AC	AACA		A	
drosophila_ananassae_gca017639315v2rs/1-8123	ATAATAA	C	AA	CA	AC				
drosophila_bipectinata_gca000236285v2rs/1-8123	ATAACAA	C	AA	CA	AC				
drosophila_guanche_gca900245975v1rs/1-8123	ACAACAA	CAATAATAA	CA	CA	AC	AACA	ACA	C	
drosophila_subobscura_gca008121235v1rs/1-8123	ACAACAA	CAATAATAA	CA	CA	AC	AACA	ACA	C	
drosophila_obscura_gca018151105v1rs/1-8123	ATAACAA	C	AA	CA	AC	AACA	ATA	C	
drosophila_miranda_gca003369915v2rs/1-8123	ATAACAA	C	AA	CA	AC	AACA		C	
drosophila_persimilis_gca003286085v2rs/1-8123	ACAACAA	C	AA	CA	AC	AACA		C	
drosophila_pseudoobscura_gca009870125v2rs/1-8123	ATAACAA	C	AA	CA	AC	AACA		C	
drosophila_willistoni_gca018902025v2rs/1-8123	ATAACAA	T	AA	CA	AC	AACA		A	
drosophila_albomicans_gca009650485v2rs/1-8123	ACAATAG	T	AC	GA	AT	AACA		A	
drosophila_innubila_gca004354385v1rs/1-8123	ACAATAA	C	AA	CA	AT	AACA		A	
drosophila_arizonae_gca001654025v1rs/1-8123	ACAACAG	C	AC	CA		ATAACA		A	
drosophila_mojavensis_gca018153725v1rs/1-8123	ACAACAA	C	AA	CA		GCACCA		A	
drosophila_navajoa_gca001654015v2rs/1-8123	ACAACAA	C	AG	CACCAAT	AACAATAACA			A	
drosophila_hydei_gca003285905v2rs/1-8123	ACAATAA	C	AA	CA	GCACCAACA			A	
drosophila_virilis_gca003285735v2rs/1-8123	ATAATAG	C	AG	CA	CC	AACA		A	
drosophila_grimshawi_gca018153295v1rs/1-8123	ACAATAA	C	AA	CA	AT	AGCA	GCACAAATAA	TAATAA	
drosophila_busckii_gca011750605v1rs/1-8123	ACAACAA	C	AA	TA	AT	AACA		A	
bactrocera_neohumeralis_gca024586455v2rs/1-8123	ATACGCA	T	AA	CA	AC	AACA		A	
coremacera_marginata_gca914767935v1/1-8123	ATA-GCAGTA	AC	AA	CA	AT	AACA		A	
myopa_tessellatipennis_gca943737955v1/1-8123	ATA-GCAGTA	AC	AA	CA	AC	AACA		ACAAC	AACACCAACA
machimus_atricapillus_gca933228815v1/1-8123	ATA-A	T	AA	CA	AC	AACA		T	

drosophila_melanogaster/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAA-----CA--
drosophila_mauritiana_gca004382145v1rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAA-----CA--
drosophila_simulans_gca016746395v2rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAA-----CA--
drosophila_sechellia_gca004382195v2rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAA-----CA--
drosophila_erecta_gca003286155v2rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAA-----CA--
drosophila_santomea_gca016746245v2rs/1-8123	-----C-----GAG GAGCAA-----GTCAAA--CACCACCAG CAGCAA-----CA--
drosophila_yakuba_gca016746365v2rs/1-8123	-----C-----GAG GAGCAA-----GTCAAA--CACCACCAG CAGCAA-----CA--
drosophila_teissieri_gca016746235v2rs/1-8123	-----C-----GAG GAGCAA-----GTCAAA--CACCACCAG CAGCAA-----CA--
drosophila_eugracilis_gca018153835v1rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAACAA-----CA--
drosophila_biarmipes_gca025231255v1rs/1-8123	-----C-----GAG GAGCAA-----GTGAAG--CACCACCA--GCAA-----CA--
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----T-----GAG GAGCAA-----GTTAAA--CACCACCAG CAACAA-----CA--
drosophila_suzukii_gca013340165v1rs/1-8123	-----C-----GAG GAGCAA-----GTGAAA--CACCACCAG CAACAA-----CA--
drosophila_takahashii_gca018152695v1rs/1-8123	-----C-----GAG GAGCAA-----GTTAAG--CAACACCAA CAGCAG-----CA--
drosophila_elegans_gca000224195v2rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAACAAC AACAGCA--
drosophila_gunungcola_gca025200985v1rs/1-8123	-----C-----GAG GAGCAA-----GTTAAA--CACCACCAG CAGCAACAAC AACAGCA--
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----T-----GAG GAGCAA-----GTTAAA--CACCATCAG CAGCAACAAC AACAGCA--
drosophila_ficusphila_gca018152265v1rs/1-8123	-----C-----GAG GAGCAA-----GTCAAA--CACCACCAG CAACAGCAAC AACAGCA--
drosophila_kikkawai_gca018152535v1rs/1-8123	-----C-----GAG GAGCAA-----GTGAAG--CACCACCAG-----CA--
drosophila_ananassae_gca017639315v2rs/1-8123	-----G-----GAG GAGCAA-----GTTAAA--CACCATCAG-----
drosophila_bipectinata_gca000236285v2rs/1-8123	-----G-----GAG GAGCAA-----GTGAAA--CACCATCAG-----
drosophila_guanche_gca900245975v1rs/1-8123	-----G-----GAG GAGCAG-----GTGAAA--CACCACCAA-----CA--
drosophila_subobscura_gca008121235v1rs/1-8123	-----G-----GAG GAGCAG-----GTGAAA--CACCACCAG-----CA--
drosophila_obscura_gca018151105v1rs/1-8123	-----G-----GAG GAGCAG-----GTGAAA--CACCACCAA-----CA--
drosophila_miranda_gca003369915v2rs/1-8123	-----G-----GAG GAGCAG-----GTGAAA--CACCACCAA-----CA--
drosophila_persimilis_gca003286085v2rs/1-8123	-----G-----GAG GAGCAG-----GTGAAA--CACCACCAA-----CA--
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----G-----GAG GAGCAG-----GTGAAA--CACCACCAA-----CA--
drosophila_willistoni_gca018902025v2rs/1-8123	-----CAGCAGCGAA GAGCAA--GTGAAATT GCACCAGCAG-----CA--
drosophila_albomicans_gca009650485v2rs/1-8123	-----C-----AAT-----AA--CAACAACAA-----CA--
drosophila_innubila_gca004354385v1rs/1-8123	-----T-----ACA-----AG--CACTAACAA-----CAGCA
drosophila_arizonae_gca001654025v1rs/1-8123	-----C-----AAC-----AA--CAATAATA-----
drosophila_mojavensis_gca018153725v1rs/1-8123	-----T-----AAC-----AA--CAACAATA-----
drosophila_navajoa_gca001654015v2rs/1-8123	-----C-----AAC-----AA--CAATAACAA-----
drosophila_hydei_gca003285905v2rs/1-8123	-----C-----AAC-----AA--CAACAACAA-----
drosophila_virilis_gca003285735v2rs/1-8123	-----T-----AAT-----AA--TAACAACAA-----CA--
drosophila_grimshawi_gca018153295v1rs/1-8123	-----C-----AAT-----AA--TAACAACAA-----CA--
drosophila_busckii_gca011750605v1rs/1-8123	-----T-----AAC-----AA--TAATAATA-----GT--
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----T-----GA-----AA--GTG-AT--CACTTGAGT-----CA--
coremacera_marginata_gca914767935v1/1-8123	-----C-----GA-----AA--GTG-AC--CACTTATCT-----CA--
myopa_tessellatipennis_gca943737955v1/1-8123	ACAACAACAG C-----GA-----CA--CGG-AT--CACTTATCT-----CA--
machimus_atricapillus_gca933228815v1/1-8123	-----C-----GA-----TACCAT TGGTG-AT--TCCCTCGCT-----

drosophila_melanogaster/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_mauritiana_gca004382145v1rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_simulans_gca016746395v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_sechellia_gca004382195v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_erecta_gca003286155v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCCTCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_santomea_gca016746245v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_yakuba_gca016746365v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_teissieri_gca016746235v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_eugracilis_gca018153835v1rs/1-8123	-----	A	CAACAACAG	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_biarmipes_gca025231255v1rs/1-8123	-----	A	CA	-----	CA	ACAACAGCAG	GCCTCCAGCA	TTGCAGCCGC	TGCAGCAGCC
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----	A	CA	-----	CA	ACAACAGCAG	GCATCCAGCA	TTGCAGCCGC	TGCAGCAGCC
drosophila_suzukii_gca013340165v1rs/1-8123	-----	A	CA	-----	CA	ACAACAGCAG	GCATCCAGCA	TTGCAGCCGC	TGCAGCAGCC
drosophila_takahashii_gca018152695v1rs/1-8123	-----	A	CA	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCGGCCGC	TGCAGCAGCC
drosophila_elegans_gca000224195v2rs/1-8123	-----	G	CAGCA	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_gunungcola_gca025200985v1rs/1-8123	-----	G	CA	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----	A	CA	-----	CA	ACAACAGCAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_ficusphila_gca018152265v1rs/1-8123	-----	A	CA	-----	GC	AACAGCAACA	ACAACAGCAG	GCATCCAGTA	TTGCAGCCGC
drosophila_kikkawai_gca018152535v1rs/1-8123	-----	A	CA	-----	A	-----	CA	ACAACAGCAG	GCCTCCACCA
drosophila_ananassae_gca017639315v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCCTCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_bipectinata_gca000236285v2rs/1-8123	-----	-----	G	-----	CA	ACAACAGCAG	GCCTCCAGCA	TAGCAGCCGC	TGCAGCAGCC
drosophila_guanche_gca900245975v1rs/1-8123	-----	G	CA	-----	A	-----	CA	ACAACAGCAG	GCCTCCAGCA
drosophila_subobscura_gca008121235v1rs/1-8123	-----	G	CA	-----	G	-----	CA	ACAACAGCAG	GCCTCCAGCA
drosophila_obscura_gca018151105v1rs/1-8123	-----	A	CA	-----	A	-----	CA	ACAACAGCAG	GCCTCCAGCA
drosophila_miranda_gca003369915v2rs/1-8123	-----	G	CA	-----	A	-----	CA	GCAACAACAG	GCCTCCAGCA
drosophila_persimilis_gca003286085v2rs/1-8123	-----	G	CA	-----	A	-----	CA	GCAACAACAG	GCCTCCAGCA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----	G	CA	-----	A	-----	CA	GCAACAACAG	GCCTCCAGCA
drosophila_willistoni_gca018902025v2rs/1-8123	-----	A	CC	-----	A	-----	CA	ACAACAACAG	GCATCCAGCA
drosophila_albomicans_gca009650485v2rs/1-8123	-----	G	CA	-----	A	-----	CA	A	-----
drosophila_innubila_gca004354385v1rs/1-8123	-----	GCAACAGCAA	CAACAACAA	-----	CA	ACAACAACAG	GCATCCAGCA	TTGCAGCCGC	TGCAGCAGCT
drosophila_arizonae_gca001654025v1rs/1-8123	-----	-----	-----	-----	-----	CAG	GCGTCCAGCA	TAGCAGCCGC	TGCAGCAGCT
drosophila_mojavensis_gca018153725v1rs/1-8123	-----	-----	-----	-----	-----	CAG	GCGTCCAGCA	TAGCAGCCGC	TGCAGCAGCT
drosophila_navjoa_gca001654015v2rs/1-8123	-----	-----	-----	-----	-----	CAG	GCGTCCAGCA	TAGCAGCCGC	TGCAGCAGCT
drosophila_hydei_gca003285905v2rs/1-8123	-----	-----	-----	-----	-----	CAG	GCATCCAGCA	TAGCAGCCGC	TGCAGCAGCT
drosophila_virilis_gca003285735v2rs/1-8123	-----	G	CA	-----	A	-----	CA	ACAACAGCAG	GCATCCAGCA
drosophila_grimshawi_gca018153295v1rs/1-8123	-----	G	CA	-----	A	-----	CA	ACAACAGCAG	GCATCCAGCA
drosophila_busckii_gca011750605v1rs/1-8123	-----	G	AA	-----	G	-----	CA	ACAACAGCAG	GCATCCAGCA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	G	CA	-----	G	-----	CA	GCAACAACAA	GCGTCATCGA
coremacera_marginata_gca914767935v1/1-8123	-----	G	CA	-----	A	-----	CA	CCAACAACAA	GCTTCTTCCA
myopa_tessellatipennis_gca943737955v1/1-8123	-----	A	CA	-----	A	-----	CA	CCAGCAACAA	GCCTCCTCGA
machimus_atricapillus_gca933228815v1/1-8123	-----	-----	-----	-----	-----	ACGAAGA	GTG-CTTCGA	TAGCGGCCGC	TGCGGCAGCC

drosophila_melanogaster/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_mauritiana_gca004382145v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_simulans_gca016746395v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_sechellia_gca004382195v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCTCA---	CCAC---CCG	CATCCGCATC
drosophila_erecta_gca003286155v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_santomea_gca016746245v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_yakuba_gca016746365v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_teissieri_gca016746235v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_eugracilis_gca018153835v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTATCAA	CA-----	-TCCACA---	CCAC---CCG	CATCCACATC
drosophila_biarmipes_gca025231255v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-CCCGCA---	CCAC---CCG	CACCCGCATC
drosophila_subpulchrella_gca014743375v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_suzukii_gca013340165v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_takahashii_gca018152695v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAA	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_elegans_gca000224195v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAC---CCG	CATCCGCATC
drosophila_gunungcola_gca025200985v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAT---CCG	CATCCGCATC
drosophila_rhopaloea_gca018152115v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAA	CA-----	-TCCGCA---	CCAC---CCG	CATCCGCATC
drosophila_ficusphila_gca018152265v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGATACCAG	CA-----	-TCCGCA---	TCAC---CCG	CATCCGCATC
drosophila_kikkawai_gca018152535v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCACA---	TCAC---CCT	CACCCGCATC
drosophila_ananassae_gca017639315v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAC---CCC	CACCCGCATC
drosophila_bipectinata_gca000236285v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	CCAC---CCG	CACCCGCATC
drosophila_guanche_gca00245975v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAT---CC	--C---CATC
drosophila_subobscura_gca008121235v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAT---CC	--C---CATC
drosophila_obscura_gca018151105v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTATCAG	CA-----	-TCCGCA---	TCAT---CC	--C---CATC
drosophila_miranda_gca003369915v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAT---CC	--C---CATC
drosophila_persimilis_gca003286085v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAT---CC	--C---CATC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTACCAG	CA-----	-TCCGCA---	TCAT---CC	--C---CATC
drosophila_willistoni_gca018902025v2rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTATCAG	CA-----	-TCCCA---	TCAT---CCA	CAC---AATC
drosophila_albomicans_gca009650485v2rs/1-8123	GCAATGTATA	TGGATCCGAT	GCGGTATCAA	CATGCCGCCG	CCGCACA---	TCAT---GCA	CAC---CATC
drosophila_innubila_gca004354385v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGTTATCAG	CA-----	-CGCCCA---	CCAT---CCA	CAT---CATC
drosophila_arizonae_gca001654025v1rs/1-8123	GCCATGTACA	TGGACCCGAT	GCGCTATCAG	CA-----	-TGCGCA---	TCATGCCGCC	CAT---CATC
drosophila_mojavensis_gca018153725v1rs/1-8123	GCTATGTACA	TGGACCCGAT	GCGCTATCAG	CA-----	-TGCGCA---	TCATACCGCC	CAT---CATC
drosophila_navajoa_gca001654015v2rs/1-8123	GCCATGTACA	TGGACCCGAT	GCGCTATCAG	CA-----	-TGCGCA---	TCATGCCGCC	CAT---CATC
drosophila_hydei_gca003285905v2rs/1-8123	GCCATGTACA	TGGATCCGAT	GCGCTATCAG	CA-----	-CGCGCA---	TCATGCCGCC	CAT---CATC
drosophila_virilis_gca003285735v2rs/1-8123	GCCATGTACA	TGGATCCTAT	GCGCTACCAA	CA-----	-CGCGCA---	CCAT---GCC	CAT---CATC
drosophila_grimshawi_gca018153295v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTATCAG	CA-----	-TGCGCA---	CCAT---CCA	CAT---CATC
drosophila_busckii_gca011750605v1rs/1-8123	GCCATGTACA	TGGATCCCAT	GCGCTATCAA	CA-----	-CGCGCATGC	CCAC---GCC	CAT---CATC
bactrocera_neohumeralis_gca024586455v2rs/1-8123	GCTATGTACA	TCGATCCGAT	GCGCTACCAA	CA-----	-T-----	-----	CAC---CACG
coremacera_marginata_gca914767935v1/1-8123	GCCATGTATA	TCGATCCGAT	GCGCTACCAA	CA-----	-T-----	-----	CAC---CA--
myopa_tessellatipennis_gca943737955v1/1-8123	GCGATGTACA	TCGACCCGAT	GCGCTACCAG	CA-----	-C-----	-----	CAC---CA--
machimus_atricapillus_gca933228815v1/1-8123	GCAATGTACA	TAGACCCGAT	GAGGTACCAA	CA-----	-G-----	-----	CAC---CA--

drosophila_melanogaster/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_mauritiana_gca004382145v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_simulans_gca016746395v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_sechellia_gca004382195v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_erecta_gca003286155v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_santomea_gca016746245v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACCAG
drosophila_yakuba_gca016746365v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACCAG
drosophila_teissieri_gca016746235v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_eugracilis_gca018153835v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTAAATCC	CGCCCACCAT	CCGCACCTGT	TCCATACCAG
drosophila_biarmipes_gca025231255v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACAAG
drosophila_subpulchrella_gca014743375v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACAAG
drosophila_suzukii_gca013340165v1rs/1-8123	CGCACCA	----	ACAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACAAG
drosophila_takahashii_gca018152695v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTTT	TCCACACGAG
drosophila_elegans_gca000224195v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TTACACGAG
drosophila_gunungcola_gca025200985v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TTACACGAG
drosophila_rhopaloea_gca018152115v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_ficusphila_gca018152265v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACGAG
drosophila_kikkawai_gca018152535v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCATACCAG
drosophila_ananassae_gca017639315v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCATACCAG
drosophila_bipectinata_gca000236285v2rs/1-8123	CTCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCACCTGT	TCCACACCAG
drosophila_guanche_gca900245975v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCATCTGT	TCCATACCAG
drosophila_subobscura_gca008121235v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCATCTGT	TCCATACCAG
drosophila_obscura_gca018151105v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCATCTGT	TCCATACCAG
drosophila_miranda_gca003369915v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCATCTGT	TCCATACCAG
drosophila_persimilis_gca003286085v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCATCTGT	TCCATACCAG
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ACCTGAATCC	CGCCCACCAT	CCGCATCTGT	TCCATACCAG
drosophila_willistoni_gca018902025v2rs/1-8123	CGCACCA	----	GCAT	CCCGCAGCTC			ATCTAAATCC	CGCCCATCAT	CCGCATCTGT	TTACACCAG
drosophila_albomicans_gca009650485v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTGAATCC	CGCGCATCAT	CCGCATCTCT	TTACACCAG
drosophila_innubila_gca004354385v1rs/1-8123	CACACCA	----	GCAT	CC	----	AC	ACTTGAATCC	CGCGCATCAT	CCGCATCTAT	TCCACACCAG
drosophila_arizonae_gca001654025v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTAAATCC	CGCGCATCAT	CCGCATCTAT	TCCATACCAG
drosophila_mojavensis_gca018153725v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTAAATCC	CGCGCATCAT	CCGCATCTAT	TCCATACCAG
drosophila_navajoa_gca001654015v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTAAATCC	CGCGCATCAT	CCGCATCTAT	TCCATACCAG
drosophila_hydei_gca003285905v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTGAATCC	CGCGCATCAT	CCGCATCTAT	TCCATACCAG
drosophila_virilis_gca003285735v2rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTGAATCC	CGCGCATCAT	CCGCACCTAT	TCCATACCAG
drosophila_grimshawi_gca018153295v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATTTGAATCC	CGCGCATCAT	CCGCATCTAT	TCCACACCAG
drosophila_busckii_gca011750605v1rs/1-8123	CGCACCA	----	GCAT	CC	----	GC	ATCTGAATCC	CGCGCATCAT	CCGCATCTAT	TCCACACCAG
bactrocera_neohumeralis_gca024586455v2rs/1-8123	CACACCA	----	ACAC	CC	----	GC	ACCTCAATCC	CGCGCACCAC	CCCCACCTCT	TCCACACC--
coremacera_marginata_gca914767935v1/1-8123	----CCA	----	GCAC	CC	----	GC	ACCTCAATCC	AGCACATCAC	CCGCACCTCT	TCCACACC--
myopa_tessellatipennis_gca943737955v1/1-8123	----CCA	----	GCAC	CC	----	GC	ACCTGAACCC	CGCTCACCAT	CCGCACCTCT	TCCACACG--
machimus_atricapillus_gca933228815v1/1-8123	----CATTC	GTTGATGAAT	TC	----	GC	-----	ATCA	TGTGCACCAT	CCGCACCTGC	ATCACACC--

drosophila_melanogaster/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAG	ACCGTCGGCG	GCACCAGCAG	CAACTCCCCAA	
drosophila_mauritiana_gca004382145v1rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAATTCCCCAA
drosophila_simulans_gca016746395v2rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAATTCCCCAA
drosophila_sechellia_gca004382195v2rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAATTCCCCAA
drosophila_erecta_gca003286155v2rs/1-8123	C---GATCA--GCTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAATTGCGAA
drosophila_santomea_gca016746245v2rs/1-8123	C---GATCA--GCTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAATTCCCCAA
drosophila_yakuba_gca016746365v2rs/1-8123	C---GATCA--GCTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAATTCCCCAA
drosophila_teissieri_gca016746235v2rs/1-8123	C---GATCA--GCTGCAGC	A-----CTC	GCAGCAGCAG	A.....	.....GCAG	CAACTCCCCAA
drosophila_eugracilis_gca018153835v1rs/1-8123	C---GATCA--GTTGCAAC	A-----TTC	CCAGCAACAG	A.....	.....GTAG	CAATTCCCCAA
drosophila_biarmipes_gca025231255v1rs/1-8123	C---GACCAA	CTGTGCGAGC	A-----CTC	GCAGCAGCAG	C.....GCAG	CAACTCGCAG
drosophila_subpulchrella_gca014743375v2rs/1-8123	C---GATCAA	TTGTGCGAGC	A-----CTC	GCAGCAGCAA	C.....GCAG	CAACTCGCAA
drosophila_suzukii_gca013340165v1rs/1-8123	C---GATCAA	TTGTGCGAGC	A-----CTC	GCAGCAGCAA	C.....GCAG	CAACTCGCAA
drosophila_takahashii_gca018152695v1rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAG	C.....	.....GTAG	CAATTCCCCAA
drosophila_elegans_gca000224195v2rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAA	C.....	.....GCAG	CAATTGCGAG
drosophila_gunungcola_gca025200985v1rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAA	C.....	.....GCAG	CAATTGCGAA
drosophila_rhopaloea_gca018152115v1rs/1-8123	C---GATCA--GTTGCAGC	A-----CTC	GCAGCAGCAA	C.....	.....GCAG	CAATTACAA
drosophila_ficusphila_gca018152265v1rs/1-8123	C---GACCA--GCTGCAGC	A-----CTC	GCAGCAGCAA	C.....	.....GCAG	CAACTCGCAA
drosophila_kikkawai_gca018152335v1rs/1-8123	C---GATCA--GCTGCAGC	AGCATCCCCA	GCAACAGCAG	A.....	.....GCAG	CAACTCCCCA
drosophila_ananassae_gca017639315v2rs/1-8123	C---GACCA--GTTGCAGC	A-----TTC	GCAGCAGCAG	T.....	.....GCAG	CAACTCCCCA
drosophila_bipectinata_gca000236285v2rs/1-8123	C---GACCA--GTTGCAGC	A-----TCC	GCAGCAGCAG	T.....	.....GCAG	CAACTCCCCA
drosophila_guanche_gca900245975v1rs/1-8123	C---GATCA--GCTGCAGC	A-----TAC	CCATGCCCCAG	C.....	.....GCAG	CAGTTCGCCAG
drosophila_subobscura_gca008121235v1rs/1-8123	C---GATCA--GCTGCAGC	A-----TAC	CCATGCCCCAG	C.....	.....GCAG	CAGTTCGCCAG
drosophila_obscura_gca018151105v1rs/1-8123	C---GACCA--GCTGCAGC	A-----TAC	CCATGCCCCAG	C.....	.....GCAG	CAGTTCGCCAG
drosophila_miranda_gca003369915v2rs/1-8123	C---GACCA--GCTGCAGC	A-----TAC	CCATGCCCCAG	C.....	.....GCAG	CAGTTCGCCAG
drosophila_persimilis_gca003286085v2rs/1-8123	C---GACCA--GCTGCAGC	A-----TAC	CCATGCCCCAG	C.....	.....GCAG	CAGTTCGCCAG
drosophila_pseudoobscura_gca009870125v2rs/1-8123	C---GACCA--GCTGCAGC	A-----TAC	CCATGCCCCAG	C.....	.....GCAG	CAGTTCGCCAG
drosophila_willistoni_gca018902025v2rs/1-8123	CAGCGAGCA--ACTGCAGC	A-----TTC	CCATTTCCTCG	T.....	.....GGAA	----TCCCCAG
drosophila_albomicans_gca009650485v2rs/1-8123	C---GAGCA--ACTGCACA	A-----TCC	CCACGCCCCAG	C.....	.....GCAA	CAGCTCGCAG
drosophila_innubila_gca004354385v1rs/1-8123	C---GATCA--GTTGCAGC	A-----TCC	GCATGCGCAA	C.....	.....GCAA	CAGCTCACAA
drosophila_arizonae_gca001654025v1rs/1-8123	C---GATCA--GCTGCAGC	A-----TCC	CCACGCCCCAG	C.....	.....GCAG	CAGTCCCCAG
drosophila_mojavensis_gca018153725v1rs/1-8123	C---GATCA--GCTGCAGC	A-----TCC	CCACGCCCCAG	C.....	.....GCAG	CAGTCCCCAG
drosophila_navajoa_gca001654015v2rs/1-8123	C---GATCA--GCTGCAGC	A-----TCC	CCACGCCCCAG	C.....	.....GCAG	CAGTCCCCAG
drosophila_hydei_gca003285905v2rs/1-8123	C---GATCA--GCTGCAGC	A-----TCC	CCACGCACAG	C.....	.....GCAG	CAGTTCGCAG
drosophila_virilis_gca003285735v2rs/1-8123	C---GATCA--GCTGCAAC	A-----TCC	GCACGCCCCAG	C.....	.....GCAG	CAGTCCCCAG
drosophila_grimshawi_gca018153295v1rs/1-8123	C---GATCA--GCTGCAGC	A-----TCC	ACACGCCCCAG	C.....	.....GCAA	TAGTCCCCAA
drosophila_busckii_gca011750605v1rs/1-8123	C---GATCA--GCTGCAGC	A-----TCC	ACACGCCCCAG	C.....	.....GCAG	CAGTCCCCAG
bactrocera_neohumeralis_gca024586455v2rs/1-8123	-----	-----	-----	-----	-----	-----	
coremacera_marginata_gca914767935v1/1-8123	-----	-----	-----	-----	-----	-----	
myopa_tessellatipennis_gca943737955v1/1-8123	-----	-----	-----	-----	-----	-----	
machimus atricapillus_gca933228815v1/1-8123	-----	-----	-----	-----	-----	-----	

drosophila_melanogaster/1-8123	TTGTCAACGG	GTGCCGGCAG	CAACAGTGGC	CTGCCACTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_mauritiana_gca004382145vlrs/1-8123	TTGTCAACGG	GTGCCGGCAG	CAACAGTGGC	CTGCCACTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_simulans_gca016746395v2rs/1-8123	TTGTCAACGG	GTGCCGGCAG	CAACAGTGGC	CTGCCACTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_sechellia_gca004382195v2rs/1-8123	TTGTCAACGG	GTGCCGGCAG	CAACAGTGGC	CTGCCACTCC	AGCCGCCC--	-AGTTCGGCC	---TCTCCGG
drosophila_erecta_gca003286155v2rs/1-8123	CTGTCAACGG	GTGCCGGCAG	CAACAGTGGA	CTGCCGCTAC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_santomea_gca016746245v2rs/1-8123	CTATCAACGG	GTGCCGGCAG	CAACAGTGGC	CTGCCGCTGC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_yakuba_gca016746365v2rs/1-8123	CTGTCAACGG	GTGCCGGCAG	CAACAGTGGC	CTGCCGCTGC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_teissieri_gca016746235v2rs/1-8123	CTGTCAACGG	GTGCCGGCAG	CAACAGTGGG	CTGCCACTGC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_eugracilis_gca018153835vlrs/1-8123	TTGTCAACCG	GCGCCGGTAG	TAATAGTGGT	TTACCGCTTC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_biarmipes_gca025231255vlrs/1-8123	TTGTCAACCG	GAGCCGGTAG	CAACAGTGGC	CTGCCGCTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_subpulchrella_gca014743375v2rs/1-8123	TTGTCAACGG	GCGCCGGTAG	CAACAGTGGC	CTGCCGCTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_suzukii_gca013340165vlrs/1-8123	TTGTCAACGG	GCGCCGGTAG	CAACAGTGGC	CTGCCGCTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_takahashii_gca018152695vlrs/1-8123	TTGTCAACGG	GAGCCGGCAG	CAATAGTGGT	TTGCCCCCTTC	AGCCGCCC--	-AGTTCGGCC	---TCGCCAG
drosophila_elegans_gca000224195v2rs/1-8123	CTGTGCGCCG	GTGCCGGCAG	CAACAGTGGG	CTCCCGCTAC	AGCCACCC--	-AGTTCGGCC	---TCGCCCG
drosophila_gunungcola_gca025200985vlrs/1-8123	CTGTGCGCCG	GTGCCGGCAG	CAACAGTGGG	CTCCCGCTAC	AGCCACCC--	-AGTTCGGCC	---TCGCCCG
drosophila_rhopaloea_gca018152115vlrs/1-8123	TTGTCCCCGG	GCGCCGGCAG	CAATAGTGGG	CTACCGCTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCGG
drosophila_ficusphila_gca018152265vlrs/1-8123	TTGTGCGCCG	GCGCCGGCAG	CAATAGCGGT	CTGCCGCTCC	AGCCGCCC--	-AGTTCGGCA	---TCGCCGG
drosophila_kikkawai_gca018152535vlrs/1-8123	TTGTGCGCCG	GAGCTGGGAG	CAATAGTGGT	CTGCCCCCTTC	AGCCGCCC--	-AGTTCGGCA	---TCGCCAG
drosophila_ananassae_gca017639315v2rs/1-8123	CTGTGCGCCG	GCGCCGGCAG	CAACAGCGGG	CTACCGCTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCCG
drosophila_bipectinata_gca0002326285v2rs/1-8123	CTGTGCGCCG	GCGCCGGCAG	CAATAGCGGT	CTACCGCTCC	AGCCGCCC--	-AGTTCGGCC	---TCGCCCG
drosophila_guanche_gca900245975vlrs/1-8123	CTCTCTCCTG	GTGCCGGCAG	CAACAGTGGC	TTGCCGCTGC	AACCGCCA--	-AGTGCGACC	---TCGC---
drosophila_subobscura_gca008121235vlrs/1-8123	CTCTCTCCTG	GTGCCGGCAG	CAACAGTGGC	TTGCCGCTGC	AACCGCCA--	-AGTGCGACA	---TCGC---
drosophila_obscura_gca018151105vlrs/1-8123	CTATCGCCTG	GAGCCGGTAG	CAATAGTGGT	TTGCCCCCTGC	AACCGCCA--	-GGTGCGGCA	---TCGC---
drosophila_miranda_gca003369915v2rs/1-8123	CTCTCCCCCG	GAGCCGGCAG	CAACAGTGGC	CTGCCGCTGC	AGCCGCCC--	-AGTGCGGCA	---TCGC---
drosophila_persimilis_gca003286085v2rs/1-8123	CTCTCCCCCG	GAGCCGGCAG	CAACAGTGGC	CTGCCGCTGC	AGCCGCCC--	-AGTGCGGCA	---TCGC---
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CTCTCGCCCG	GAGCCGGCAG	CAACAGTGGC	CTGCCGCTGC	AGCCGCCC--	-AGTGCGGCA	---TCGC---
drosophila_willistoni_gca018902025v2rs/1-8123	CTATCGCCCG	GCTC-----	-----	-ATCGCTGC	AGCCGCCC	AAGTTCGGCC	---TCGC---
drosophila_albomicans_gca009650485v2rs/1-8123	TTGTGCGCCG	GCGCAGGCAG	CAACAGCGGC	CTGACGTTGC	AACCTCCC--	-GGGGCAGTG	---TCAC---
drosophila_innubila_gca004354385vlrs/1-8123	TTGTGCGCCG	GTGCCGGCAG	CAACAGTGGA	TTGCCGCTGC	AACCGCCG--	-AGTGCCGCA	---TCGC---
drosophila_arizonae_gca001654025vlrs/1-8123	CTGTGCGCCG	GCGCCGGCAG	CAACAGCGGC	CTGCCGCTGC	AGCCGCCC--	-AGCGCCGCA	---TCGC---
drosophila_mojavensis_gca018153725vlrs/1-8123	CTGTGCGCCG	GCGCCGGCAG	CAACAGCGGC	CTGCCGCTGC	AGCCGCCC--	-AGCGCCGCA	---TCGC---
drosophila_navajoa_gca001654015v2rs/1-8123	CTGTGCGCCG	GCGCCGGCAG	CAACAGCGGC	CTGCCGCTGC	AGCCGCCC--	-AGCGCCGCA	---TCGC---
drosophila_hydei_gca003285905v2rs/1-8123	TTGTGCGCCG	GTGCCGGCAG	CAACAGCGGC	TTGCCACTGC	AGCCGCCC--	-AGTGCCGCA	---TCGC---
drosophila_virilidis_gca003285735v2rs/1-8123	CTTTGCGCCG	GGGCGGGCAG	CAATAGCGGC	CTGCCACTGC	AGCCGCTC--	-AGCGCCGCA	---TCGC---
drosophila_grimshawi_gca018153295vlrs/1-8123	CTCTGCGCCG	GAGCGGGCAG	CAACAGTGGG	TTGACGTTGC	AGCCGGCG--	-GGCGGGGCC	GTGTGCG---
drosophila_busckii_gca011750605vlrs/1-8123	CTGTGCGCCG	GGGCCAGCAG	CAACAGCGGC	CTGCCGCTGC	AGCTTCCG--	-AGCGCTCC	---TCGC---
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus atricapillus_gca933228815v1/1-8123				

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drosophila_melanogaster/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTTG	GTGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_mauritiana_gca004382145v1rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_simulans_gca016746395v2rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_sechellia_gca004382195v2rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_erecta_gca003286155v2rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_santomea_gca016746245v2rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATTTGAAT	-----	-----	CCGCT
drosophila_yakuba_gca016746365v2rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATTTGAAT	-----	-----	CCGCT
drosophila_teissieri_gca016746235v2rs/1-8123	C---CGGATC	C---GCATCC	TCGGTGCTCG	GTGGCCATCT	CAATTTGAAT	-----	-----	CCGCT
drosophila_eugracilis_gca018153835v1rs/1-8123	C---TGGTTC	C---ACATCC	TCCGTACTCG	GTGGCCATCT	CAACTTGAAT	-----	-----	CCGCT
drosophila_biarmipes_gca025231255v1rs/1-8123	C---GGGCTC	G---GCCTCC	TCGGTGCTCG	GCGGCCACCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_subpulchrella_gca014743375v2rs/1-8123	C---GGGTTC	G---GCCTCC	TCGGTGCTCG	GCGGTCATTT	GAATCTAAAT	-----	-----	CCGCT
drosophila_suzukii_gca013340165v1rs/1-8123	C---GGGTTC	G---GCCTCC	TCGGTGCTCG	GCGGTCATTT	GAATCTGAAT	-----	-----	CCGCT
drosophila_takahashii_gca018152695v1rs/1-8123	C---GGGATC	C---GCATCC	TCGGTGTTGG	GCGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_elegans_gca000224195v2rs/1-8123	C---CGGATC	C---GCCTCC	TCGGTGCTCG	GCGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_gunungcola_gca025200985v1rs/1-8123	C---CGGGTC	C---GCCTCC	TCGGTGCTCG	GCGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_rhopaloea_gca018152115v1rs/1-8123	C---GGGATC	C---GCATCC	TCGGTGCTCG	GCGGACATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_ficusphila_gca018152265v1rs/1-8123	C---GGGATC	C---GCCTCC	TCGGTGCTCG	GCGGCCATCT	CAATCTGAAT	-----	-----	CCGCT
drosophila_kikkawai_gca018152535v1rs/1-8123	C---GGGCTC	G---GCCTCC	AGTGTCTTGG	GAGGCCATCT	GAACCTGAAT	-----	-----	CCGCT
drosophila_ananassae_gca017639315v2rs/1-8123	C---CGGCTC	C---GCCTCC	AGTGTGCTGG	GCGGTCACCT	AAATCTTAAT	-----	-----	CCGCT
drosophila_bipectinata_gca000236285v2rs/1-8123	C---CGGCTC	C---GCCTCC	AGTGTGCTGG	GCGGTCACCT	AAATCTTAAT	-----	-----	CCGCT
drosophila_guanche_gca900245975v1rs/1-8123	C---AGGCTC	C---GCCTCC	AGTGTCTTGG	GTGGGCATCT	CAATCTGAAT	GCCCATTTCGG	CGGCGGCGTT	
drosophila_subobscura_gca008121235v1rs/1-8123	C---AGGCTC	C---GCCTCG	AGTGTCTTGG	GTGGGCATCT	CAATCTGAAT	GCCCATTTCGG	CGGCGGCGTT	
drosophila_obscura_gca018151105v1rs/1-8123	C---GGGCTC	C---GCCTCG	AGTGTCTTAG	GGGGGCATCT	CAATCTGAAT	GCCCATTTCGG	CGGCG---TT	
drosophila_miranda_gca003369915v2rs/1-8123	C---AGGCTC	C---GCCTCG	AGTGTCTTAG	GGGGGCATCT	CAATCTGAAT	GCCCATTTCGG	CGGCGGCGTT	
drosophila_persimilis_gca003286085v2rs/1-8123	C---GGGCTC	C---GCCTCG	AGTGTCTTAG	GGGGGCATCT	CAATCTGAAT	GCCCATTTCGG	CGGCGGCGTT	
drosophila_pseudoobscura_gca009870125v2rs/1-8123	C---GGGCTC	C---GCCTCG	AGTGTCTTAG	GGGGGCATCT	CAATCTGAAT	GCCCATTTCGG	CGGCGGCGTT	
drosophila_willistoni_gca018902025v2rs/1-8123	C---GGGCTC	C---GCATC-	-----	--GGCCGCCT	CGAGCGGAGT	----CCTAGG	TGGC-----	
drosophila_albomicans_gca009650485v2rs/1-8123	C---CGGCTC	T---GCCTCA	AGCGTGCTTG	GCGGGCATTT	GAATCTGAAT	GCTCATTTCGG	CAGCGGCGTT	
drosophila_innubila_gca004354385v1rs/1-8123	CAGCGGGCTC	G---GCGTCC	AGTGTGCTGG	GTGGTCATCT	CAATTTGAAT	GCCCATTTCGG	CGGCGGCGACT	
drosophila_arizonae_gca001654025v1rs/1-8123	C---GGGATC	G---GCGTCG	AGTGTGCTGG	GCGGCCATCT	CAATCTGAAC	GCCCCACTCGG	CGGCGGCGATT	
drosophila_mojavensis_gca018153725v1rs/1-8123	C---GGGATC	G---GCGTCG	AGTGTGCTGG	GCGGCCATCT	CAATCTGAAC	GCCCCACTCGG	CGGCGGCGACT	
drosophila_navajoa_gca001654015v2rs/1-8123	C---GGGATC	G---GCGTCG	AGTGTGCTGG	GCGGCCATCT	CAATCTGAAT	GCCCCACTCGG	CGGCGGCGACT	
drosophila_hydei_gca003285905v2rs/1-8123	C---GGGCTC	G---GCGTCG	AGTGTGCTGG	GCGGTCATCT	CAATTTGAAT	GCCCCATTTCGG	CGGCGGCGACT	
drosophila_virilis_gca003285735v2rs/1-8123	C---GGGCTC	G---GCATCC	AGTGTGCTGG	GCGGACATCT	CAATCTGAAT	GCCCCACTCGG	CGGCGGCGACT	
drosophila_grimshawi_gca018153295v1rs/1-8123	C---GGGCTC	GACGGCGTCC	AGTGTGCTGG	GCGGTCATCT	CAATTTGAAT	GCGCATTCGG	CGGCGGCGCT	
drosophila_busckii_gca011750605v1rs/1-8123	C---TGGCTC	C---GCATCC	AGCGTGCTGG	GCGGTCATCT	CAATCTGAAT	GCGCACTTCGG	CGGTGGCGCT	
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123								

drosophila_melanogaster/1-8123	CAGCTCCACG	CCCGCCGACT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_mauritiana_gca004382145v1rs/1-8123	CAGCTCCACG	CCCGCCGCCT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_simulans_gca016746395v2rs/1-8123	CAGCTCCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_sechellia_gca004382195v2rs/1-8123	CAGCTCCACG	CCCGCCGCCT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_erecta_gca003286155v2rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_santomea_gca016746245v2rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_yakuba_gca016746365v2rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_teissieri_gca016746235v2rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGTTG	AGTCTGCAGT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_eugracilis_gca018153835v1rs/1-8123	CAGTTGCACG	CCCGCCGTCT	CTTCGAGCTG	AGTTTGC AAT	TTGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_biarmipes_gca025231255v1rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGCCTGCAGT	TTGGCGCTGC	GGCGGC----	-----CCCGG
drosophila_subpulchrella_gca014743375v2rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGCAGT	TTGGCGCTGC	GGCGGC----	-----ACCGG
drosophila_suzukii_gca013340165v1rs/1-8123	CAGCTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGCAGT	TTGGCGCTGC	GGCGGC----	-----ACCGG
drosophila_takahashii_gca018152695v1rs/1-8123	CAGTTGCACG	CCCGCCGTCT	CTTCGAGTTG	AGTCTGCAGT	TCGGAGCGGC	GGCGGC----	-----ACCGG
drosophila_elegans_gca000224195v2rs/1-8123	CAGTTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGC AAT	TCGGAGCGGC	GGCGGC----	-----GCCCG
drosophila_gunungcola_gca025200985v1rs/1-8123	CAGTTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGC AAT	TCGGAGCGGC	GGCGGC----	-----GCCCG
drosophila_rhopaloea_gca018152115v1rs/1-8123	CAGTTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGC AAT	TCGGAGCGGC	GGCGGC----	-----GCCCG
drosophila_ficusphila_gca018152265v1rs/1-8123	CAGTTGCACG	CCCGCCGCCT	CTTCGAGCTG	AGTCTGC AAT	TTGGAGCGGC	GGCGGC----	-----GCCCG
drosophila_kikkawai_gca018152535v1rs/1-8123	CAGTCCCATG	CCCGCCGCCT	CTTCGAGTTG	AGTTTGC AAT	TTGGAGCCGC	CGCGGC----	-----ACCGG
drosophila_ananassae_gca017639315v2rs/1-8123	CAGCTCCACG	CCCGCCGTCT	CTTTGAGCTG	AGCCTCCAGT	TTGGGGCGGC	GGCGGC----	-----GCCCG
drosophila_bipectinata_gca0002326285v2rs/1-8123	CAGCTCCACG	CCCGCCGCCT	CTTCGAGCTG	AGCCTCCAGT	TTGGGGCGGC	GGCGGC----	-----GCCCG
drosophila_guanche_gca900245975v1rs/1-8123	CAGCTGCACG	CACGTCGCCT	CTTCGAGCTG	AGCCTCCAGT	TTGGAGCCGC	CGCAGC----	-----GCCCG
drosophila_subobscura_gca008121235v1rs/1-8123	CAGCTGCACG	CACGCCGCCT	CTTCGAGCTG	AGCCTCCAGT	TTGGAGCCGC	CGCAGC----	-----GCCCG
drosophila_obscura_gca018151105v1rs/1-8123	CAGCTGCACG	CACGACGCCT	CTTCGAGTTG	AGCCTCCAGT	TTGGAGCCGC	CGCAGC----	-----GCCCG
drosophila_miranda_gca003369915v2rs/1-8123	CAGCTGCACG	CACGCCGCCT	CTTCGAGCTG	AGCCTCCAGT	TTGGGGCCGC	CGCAGC----	-----GCCCG
drosophila_persimilis_gca003286085v2rs/1-8123	CAGCTGCACG	CACGCCGCCT	CTTCGAGCTG	AGCCTCCAGT	TTGGGGCCGC	CGCAGC----	-----GCCCG
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CAGCTGCACG	CACGCCGCCT	CTTCGAGCTG	AGCCTCCAGT	TTGGGGCCGC	CGCAGC----	-----GCCCG
drosophila_willistoni_gca018902025v2rs/1-8123	CAGTTGCATG	CCCGTCGCCT	CTTCGAGCTC	AGTTTGCAGT	TCGGTGCGGC	CGCCGCCGCC	CCCGGAGCGG
drosophila_albomicans_gca009650485v2rs/1-8123	CAGTTGCAGG	CTCGCCGGCT	GTTTCGAGTTG	AGTTTGCAGT	TCGGCGCCGC	CGCTGC----	-----CCCGG
drosophila_innubila_gca004354385v1rs/1-8123	CAGTTGCACG	CCCGTCGCCT	CTTCGAGCTA	AGTCTGC AAT	TTGGTGCCGC	CGCCGC----	-----GCCCG
drosophila_arizonae_gca001654025v1rs/1-8123	CAGCTGCACG	CCCGTCGCCT	CTTCGAGCTG	AGCCTGCAGT	TCGGTGCGGC	CGCAGC----	-----GCCCG
drosophila_mojavensis_gca018153725v1rs/1-8123	CAGCTGCACG	CCCGTCGCCT	CTTCGAGCTG	AGCCTGCAGT	TCGGTGCGGC	CGCCGC----	-----GCCCG
drosophila_navojoa_gca001654015v2rs/1-8123	CAGCTGCACG	CCCGTCGCCT	CTTCGAGCTG	AGCCTGCAGT	TCGGTGCGGC	CGCCGC----	-----GCCCG
drosophila_hydei_gca003285905v2rs/1-8123	CAGCTGCACG	CTCGTCGTCT	CTTCGAGCTG	AGCCTGC AAT	TCGGGGCAGC	CGCTGC----	-----GCCCG
drosophila_virilis_gca003285735v2rs/1-8123	CAGCTGCACG	CCCGTCGCCT	CTTCGAGCTG	AGTCTGCAGT	TTGGTGCTGC	CGCCGC----	-----GCCCG
drosophila_grimshawi_gca018153295v1rs/1-8123	CAATTGCATG	CGCGCCGCTT	ATTTCGAGCTC	AGTTTGCAGT	TTGGTGCGGC	GGCAGC----	-----GCCCG
drosophila_busckii_gca011750605v1rs/1-8123	CAGCTGCATG	CGCGTCGCCT	CTTCGAGCTG	AGTCTGCAGT	TTGGTGCGGC	GGCCGC----	-----GCCCG
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....					

-----A-----

drosophila_melanogaster/1-8123	-----TTT	TTTAAAATTT	G--AAAAT--	-AGC-----	A	TTTCAC-----	AGTGTTCCTTA	AAATCTGTTA
drosophila_mauritiana_gca004382145v1rs/1-8123	-----TTT	TTTAAAATTT	C--GGAAT--	-AGC-----	G	CTTCAC-----	AGTGTTCCTTA	AAATCTGTTA
drosophila_simulans_gca016746395v2rs/1-8123	-----TTT	TTTAAAATTT	C--GAAAT--	-AGC-----	A	TTTCAC-----	AGTGTTCCTTA	AAATCTGTTA
drosophila_sechellia_gca004382195v2rs/1-8123	-----TTT	TTTAAAATTT	C--TTAAT--	-AGC-----	A	TTTCAC-----	AGAGTTCTTT	AAATCCGTTA
drosophila_erecta_gca003286155v2rs/1-8123	-----TTT	TTTGAAATTC	C--GAAC--	-ACG-----	A	TTTCAC-----	AGTTTTCTTT	AAATCTGTTA
drosophila_santomea_gca016746245v2rs/1-8123	-----TTT	TTTGAAATTC	C--GAAA--	-----		-----	-----TCTTT	AAATCTACTT
drosophila_yakuba_gca016746365v2rs/1-8123	-----TTT	TTTGAAATTC	C--GAAA--	-----		-----	-----TCTTT	AAATCAGCTA
drosophila_teissieri_gca016746235v2rs/1-8123	-----TTT	TTTGAAATTT	C--AAAA--	-----		-----	-----TCTTA	AAATCTGTTA
drosophila_eugracilis_gca018153835v1rs/1-8123	-----	-----	-----	-----		-----	-----T	-----
drosophila_biarmipes_gca025231255v1rs/1-8123	-----TAT	-----TTC	TTTAATATAA	AAAA-----	A	T--A-----	-----TTCT--	-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----TCT	-----TTC	C--AAAGTTC	TTTA-----	A	T--AT-----	AAATTTCT--	-----
drosophila_suzukii_gca013340165v1rs/1-8123	-----CCT	-----TTT	A--AATATCA	AAAA-----	A	T--ATTCTC	AAGTTCTT--	-----
drosophila_takahashii_gca018152695v1rs/1-8123	-----TTT	-----TTT	T--AAAA--	-CAA-----	T	C--AG-----	AAATTTCT--	-----
drosophila_elegans_gca000224195v2rs/1-8123	-----CCT	-----TTC	C--AACTT--	-AAA-----	A	T--AC-----	AAATTTATT--	-----
drosophila_gunungcola_gca025200985v1rs/1-8123	-----CCT	-----TTC	C--AACTT--	-AAA-----	A	T--AC-----	AAATGATT--	-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----	-----TC	T--AACTC--	-AGA-----	A	T--AC-----	AAATTTT--	-----
drosophila_ficusphila_gca018152265v1rs/1-8123	-----TCA	-----GTG	A--AGTTT--	-TTA-----	G	T--AC-----	TATATTCA--	-----
drosophila_kikkawai_gca018152535v1rs/1-8123	AGAAAAGTTT	-----TTT	C--GGTAA--	-AAAATTATA	T--	AC-----	AAATCTCT--	-----
drosophila_ananassae_gca017639315v2rs/1-8123	-----GTT	-----ATT	T--GTTTG--	-AGA-----	A	C--GT-----	TATTTT--	-----
drosophila_bipectinata_gca000236285v2rs/1-8123	-----GTT	-----ATT	C--GTTTG--	-AAA-----	A	A--AT-----	TATTTT--	-----
drosophila_guanche_gca900245975v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_subobscura_gca008121235v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_obscura_gca018151105v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_miranda_gca003369915v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_persimilis_gca003286085v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_pseudoobscura_gca009870125v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_willistoni_gca018902025v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_albomicans_gca009650485v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_innubila_gca004354385v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_arizonae_gca001654025v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_mojavensis_gca018153725v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_navajoa_gca001654015v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_hydei_gca003285905v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_virilis_gca003285735v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_grimshawi_gca018153295v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
drosophila_busckii_gca011750605v1rs/1-8123	.....	.....	.....	.....		.....	.....	.....
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....		.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....		.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus_atricapillus_gca933228815v1/1-8123

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[illegible]

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drosophila_melanogaster/1-8123	TACTTAAACA	A-----TA--	-----TGAACC	ATATTG----	A-GT-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_mauritiana_gca004382145v1rs/1-8123	TATTTTAAACA	A-----TA--	-----CGAATC	ATTTTGTG----	A-GT-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_simulans_gca016746395v2rs/1-8123	TATTTTAAACA	A-----TA--	-----CGAACC	ATTTTGTG----	A-GT-TCCAA	GTTAGACAAG	CTCGACT----
drosophila_sechellia_gca004382195v2rs/1-8123	---TTAAACA	A-----TA--	-----TGAACC	ATTTTGTG----	A-GT-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_erecta_gca003286155v2rs/1-8123	TATTTTAAACG	AAATTTTAAAC	AATATGTACC	AGTTTGTG----	A-GA-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_santomea_gca016746245v2rs/1-8123	TAATTTAAACA	AAATTTGAAAC	TATTTTCGACC	ATTTTGTG----	A-GA-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_yakuba_gca016746365v2rs/1-8123	TAATTTAAACA	AAATTTTAAAC	TATTTTGTACC	ATTTTGTG----	A-GA-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_teissieri_gca016746235v2rs/1-8123	TATTTTAAACA	AAACTTTTAAAC	TATTTTCGACC	ATTCTG----	A-GA-TCCAC	GTTAGACAAG	CTCGACT----
drosophila_eugracilis_gca018153835v1rs/1-8123	--TCTAAAGA	A-----	-----	-----AACT	A-AA-TTCCT	GTTAGACAAG	CTCGACT----
drosophila_biarmipes_gca025231255v1rs/1-8123	--TCCAAATG	TAATATTA--	-----CGAACC	ACCTGC----	C-AG-TTTCC	GTTAGGCAAG	TTCGACT----
drosophila_subpulchrella_gca014743375v2rs/1-8123	--TCCATATG	TAATATTA--	-----CGAACC	ATTTTGTG----	CCAG-TTTCC	GTTAGACAAG	TTCGACT----
drosophila_suzukii_gca013340165v1rs/1-8123	--TCCAAATG	TAATATTT--	-----CGAACC	ATTTTCC--	C-AG-TTTCC	GTTAGACAAG	TTCGACT----
drosophila_takahashii_gca018152695v1rs/1-8123	--T-TAAATT	TAATCTTA--	-----TAAACT	TTTTTCG----	A-TG-TTTTC	GTTAGACAAG	TTCGACT----
drosophila_elegans_gca000224195v2rs/1-8123	--TGTAATTG	TAAATTGT--	-----TTA--T	ATTTTGTG----	A-GA-TTCGC	GTTAGACAAG	TTCGACT----
drosophila_gunungcola_gca025200985v1rs/1-8123	--TGTAATTG	TAAATTGT--	-----TTA--T	ATTTTGTG----	A-GA-TTCGC	GTTAGACAAG	TTCGACT----
drosophila_rhopaloea_gca018152115v1rs/1-8123	--TTTTAACTC	AAAATTTTA--	-----TTA--C	ATCTCA----	A-GG-TTCTC	ATTAGACAAG	TTCGACT----
drosophila_ficusphila_gca018152265v1rs/1-8123	--TTTTTGAGG	AAGTTTTTA--	-----TAAAT	TTATTG----	A-AA-TTTTC	GTTAGACAAG	TTCGACT----
drosophila_kikkawai_gca018152535v1rs/1-8123	--TTTTAAAA	ACATTTTC--	-----CGAACC	GTTTTTA--A	A-AG-TCCGC	GTTGAAAAAG	TTCGACT----
drosophila_ananassae_gca017639315v2rs/1-8123	---TTTAA--	-----	-----	AGTGTA--T	A-GG-TTGAG	GTTGGAGAAG	GTCGGCT----
drosophila_bipectinata_gca000236285v2rs/1-8123	---TTTAA--	-----	-----	AGTGTG--T	A-AGCTTGAG	GTTGGAAGAG	TTCGACT----
drosophila_guanche_gca900245975v1rs/1-8123	.....	.....	.....	.....	-----TCA	GCTATAGAAA	TCGGGA----
drosophila_subobscura_gca008121235v1rs/1-8123	.....	.....	.....	.....	-----TCA	GCTATAGAAA	TCGGGAAT--
drosophila_obscura_gca018151105v1rs/1-8123	.....	.....	.....	.....	-----TCA	GCTATAGAAA	TCGGGAATAC
drosophila_miranda_gca003369915v2rs/1-8123	.....	.....	.....	.....	-----TCA	GCTATAGAAA	TCGGGAA----
drosophila_persimilis_gca003286085v2rs/1-8123	.....	.....	.....	.....	-----TCA	GCTATAGAAA	TCGGGAA----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	.....	.....	.....	.....	-----TCA	GCTATAGAAA	TCGGGAA----
drosophila_willistoni_gca018902025v2rs/1-8123	.....	.....	.....	.....	-----A--	-----	-----
drosophila_albomicans_gca009650485v2rs/1-8123	.....	.....	.....	.....	-----	-----	-----
drosophila_innubila_gca004354385v1rs/1-8123	.....	.....	.....	.....	-----T--	-----	-----
drosophila_arizonae_gca001654025v1rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
drosophila_mojavensis_gca018153725v1rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
drosophila_navjoa_gca001654015v2rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
drosophila_hydei_gca003285905v2rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
drosophila_virilis_gca003285735v2rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
drosophila_grimshawi_gca018153295v1rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
drosophila_busckii_gca011750605v1rs/1-8123	.....	.....	.....	.....	-----C--	-----	-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	-----	-----	-----
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	-----	-----	-----
myopa_tessellatipennis_gca943737955v1/1-8123	-----	-----	-----
machimus atricapillus_gca933228815v1/1-8123	-----	-----	-----

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drosophila_melanogaster/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_mauritiana_gca004382145vlrs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_simulans_gca016746395v2rs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_sechellia_gca004382195v2rs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_erecta_gca003286155v2rs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_santomea_gca016746245v2rs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_yakuba_gca016746365v2rs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_teissieri_gca016746235v2rs/1-8123	G-GTC-----			-CG-TCGA-T--GAGGTTGA	GAAA-----TC-A-----TC
drosophila_eugracilis_gca018153835vlrs/1-8123	G-GTC-----			-CG-ATGA-T--GAGGTTGA	GAGA-----TC-A-----TC
drosophila_biarmipes_gca025231255vlrs/1-8123	G-GTC-----			-CG-TTGA-T--GAGGTTGA	GAGA-----TC-CA-----TC
drosophila_subpulchrella_gca014743375v2rs/1-8123	G-GTC-----			-CG-TTGA-T--GAGGTTGA	GAGA-----TC-CA-----TC
drosophila_suzukii_gca013340165vlrs/1-8123	G-GTC-----			-CG-TTGA-T--GAGGTTGA	GAGA-----TC-CA-----TC
drosophila_takahashii_gca018152695vlrs/1-8123	G-GTC-----			-CG-TTGA-T--AAGAGATTGA	GAGA-----TC-A-----TC
drosophila_elegans_gca000224195v2rs/1-8123	G-GTC-----			-CG-ATGA-T--GGGGTTGA	GAAA-----TC-G-----TC
drosophila_gunungcola_gca025200985vlrs/1-8123	G-GTC-----			-CG-ATGA-T--GGGGTTGA	GAAA-----TC-G-----TC
drosophila_rhopaloea_gca018152115vlrs/1-8123	G-GTC-----			-CG-ATGA-T--GGGGTTGA	GAGA-----TC-G-----TC
drosophila_ficusphila_gca018152265vlrs/1-8123	G-TTT-----			-CG-AAGA-T--GGGGTTGA	GAGA-----TC-A-----TC
drosophila_kikkawai_gca018152535vlrs/1-8123	G-GTCTCCGA	AGATGATGAT	GATGATGATA	ACG-TTGA-T--GAGGTTGA	GAGA-----TC-A-----TC
drosophila_ananassae_gca017639315v2rs/1-8123	T-GTT-----			-AA-TTTA-T--TGG-----	GAGA-----TC-C-----TC
drosophila_bipectinata_gca000236285v2rs/1-8123	T-GTT-----			-AG-TTGA-T--GGG-----	GAGG-----TC-C-----TC
drosophila_guanche_gca900245975vlrs/1-8123	ATGAA-----			-TGATTTAGG--GGG-----	AAGGATTCTC-A-----TC
drosophila_subobscura_gca008121235vlrs/1-8123	GTGAA-----			-TGATTTA-G--GGG-----	AAGGATTCTC-A-----TC
drosophila_obscura_gca018151105vlrs/1-8123	GTGAA-----			-TGATTTA-G--GGG-----	AAGGATTCTC-A-----TC
drosophila_miranda_gca003369915v2rs/1-8123	A-GAC-----			-GGATCTA-G--GGG-----	AAGAATTCTC-AAATATTTTT
drosophila_persimilis_gca003286085v2rs/1-8123	A-GAC-----			-GGATCTA-G--GGG-----	AAGAATTCTC-AAATATTTTT
drosophila_pseudoobscura_gca009870125v2rs/1-8123	A-GAC-----			-GGATCTA-G--GGG-----	AAAAATTCTC-AAATATTTTT
drosophila_willistoni_gca018902025v2rs/1-8123	-----			-----	-A-----CC
drosophila_albomicans_gca009650485v2rs/1-8123	-----			-----	-----
drosophila_innubila_gca004354385vlrs/1-8123	-----			-----	-A-----CC
drosophila_arizonae_gca001654025vlrs/1-8123	-----			-----	-C-----TA
drosophila_mojavensis_gca018153725vlrs/1-8123	-----			-----	-C-----TA
drosophila_navjoa_gca001654015v2rs/1-8123	-----			-----	-C-----TA
drosophila_hydei_gca003285905v2rs/1-8123	-----			-----	-C-----CC
drosophila_virilis_gca003285735v2rs/1-8123	-----			-----	-A-----CG
drosophila_grimshawi_gca018153295vlrs/1-8123	-----			-----	-----C
drosophila_busckii_gca011750605vlrs/1-8123	-----			-----	-A-----CA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....			.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....			.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus_atricapillus_gca933228815v1/1-8123

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Species	Accession	Position	Reference	Sample	Variant	Reference	Sample	Variant	Reference	Sample	Variant
drosophila_melanogaster	gca004382145v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_mauritiana	gca004382145v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_simulans	gca016746395v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_sechellia	gca004382195v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_erecta	gca003286155v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_santomea	gca016746245v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_yakuba	gca016746365v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_teissieri	gca016746235v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_eugracilis	gca018153835v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_biarmipes	gca025231255v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_subpulchrella	gca014743375v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_suzukii	gca013340165v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_takahashii	gca018152695v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_elegans	gca000224195v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_gunungcola	gca025200985v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_rhopaloea	gca018152115v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_ficusphila	gca018152265v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_kikkawai	gca018152535v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_ananassae	gca017639315v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_bipectinata	gca000236285v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTT	AA	-----	ACTTCAG
drosophila_guanche	gca900245975v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTTAAA	-----	ACTTCAG	-----
drosophila_subobscura	gca008121235v1rs/1-8123	TA	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTTAAA	-----	ACTTCAG	-----
drosophila_obscura	gca018151105v1rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTTAAA	-----	ACTTCAG	-----
drosophila_miranda	gca003369915v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTTAAA	-----	ACTTCAG	-----
drosophila_persimilis	gca003286085v2rs/1-8123	TT	-----	-----	TTTTACC	A	GTGCATTAAT	CTGTGTTAAA	-----	ACTTCAG	-----
drosophila_pseudoobscura	gca009870125v2rs/1-8123	TT	-----	-----	T TTACC	A	GTGCATTAAT	CTGTGTTAAA	-----	ACTTCAG	-----
drosophila_willistoni	gca018902025v2rs/1-8123	AC	-----	-----	TTTAGAT	A	AGATTTTTTTT	CTGTGTTAGA	-----	CCATGGAG	CGACGGCGGG
drosophila_albomicans	gca009650485v2rs/1-8123	-----	-----	-----	TTCAACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACTTCAA	-----
drosophila_innubila	gca004354385v1rs/1-8123	CC	-----	AAA	TTTCTACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACTTCAA	-----
drosophila_arizonae	gca001654025v1rs/1-8123	CC	-----	CCCC	TTTTTACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACT	-----
drosophila_mojavensis	gca018153725v1rs/1-8123	CC	-----	CCCC	TTTTTACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACT	-----
drosophila_navajoa	gca001654015v2rs/1-8123	CC	-----	CCCC	TTTTTACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACT	-----
drosophila_hydei	gca003285905v2rs/1-8123	CCCC	CCCCC	GAAACCCCCC	TTTTTACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACC	-----
drosophila_virilis	gca003285735v2rs/1-8123	CC	-----	ACA	CTTTTACC	A	GTGCATTAAT	CTGTGTTACA	-----	ACTTGAA	-----
drosophila_grimshawi	gca018153295v1rs/1-8123	CA	-----	ACA	TTTTTACCCA	GTGCATTAAT	CTGTGTTACA	-----	ACTTCGA	-----	-----
drosophila_busckii	gca011750605v1rs/1-8123	CC	-----	-----							

drosophila_melanogaster/1-8123	-----GA-----	-----GG-----	TGGAGAAGAT	GGGG-----	-----AGGC	
drosophila_mauritiana_gca004382145vlrs/1-8123	-----GA-----	-----GG-----	TGGAGAAGAT	GGGG-----	-----AGGC	
drosophila_simulans_gca016746395v2rs/1-8123	-----GA-----	-----GG-----	TGGAGAAGAT	GGGG-----	-----AGGC	
drosophila_sechellia_gca004382195v2rs/1-8123	-----GA-----	-----GG-----	TGGAGAAGAT	GGGG-----	-----AGGC	
drosophila_erecta_gca003286155v2rs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_santomea_gca016746245v2rs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_yakuba_gca016746365v2rs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_teissieri_gca016746235v2rs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_eugracilis_gca018153835vlrs/1-8123	-----GG-----	-----G-----	-----GA-----	GAGG-----	-----AGGC	
drosophila_biarmipes_gca025231255vlrs/1-8123	TGGAGATGGA	-----C-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_subpulchrella_gca014743375v2rs/1-8123	TGAAGATGGA	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_suzukii_gca013340165vlrs/1-8123	TGAAGATGGA	-----G-----	-----AT-----	GGGGG-----	-----AGGC	
drosophila_takahashii_gca018152695vlrs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_elegans_gca000224195v2rs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_gunungcola_gca025200985vlrs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_rhopaloea_gca018152115vlrs/1-8123	-----GA-----	-----G-----	-----AT-----	GGGG-----	-----AGGC	
drosophila_ficusphila_gca018152265vlrs/1-8123	-----GA-----	-----G-----	-----AT-----	G-GG-----	-----AGGC	
drosophila_kikkawai_gca018152535vlrs/1-8123	-----GA-----	G-----	-----G-----	-----AG-----	GAGG-----	-----AGGC
drosophila_ananassae_gca017639315v2rs/1-8123	-----GA-----	-----G-----	-----AT-----	AGGG-----	-----AGGC	
drosophila_bipectinata_gca000236285v2rs/1-8123	-----GC-----	-----G-----	-----AT-----	GGGG-----	-----GC-----	
drosophila_guanche_gca900245975vlrs/1-8123	-----GA-----	-----G-----	-----AG-----	AAGG-----	A-GC-----	
drosophila_subobscura_gca008121235vlrs/1-8123	-----GA-----	-----G-----	-----AG-----	AAGG-----	A-GC-----	
drosophila_obscura_gca018151105vlrs/1-8123	-----GA-----	-----G-----	-----AG-----	AAGG-----	A-GC-----	
drosophila_miranda_gca003369915v2rs/1-8123	-----GA-----	-----G-----	-----AG-----	AAGG-----	A-GC-----	
drosophila_persimilis_gca003286085v2rs/1-8123	-----GA-----	-----G-----	-----AG-----	AAGG-----	A-GC-----	
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----GA-----	-----G-----	-----AG-----	AAGG-----	A-GC-----	
drosophila_willistoni_gca018902025v2rs/1-8123	-----	-----	-----	GGTGAC	AGCGAG-----C	
drosophila_albomicans_gca009650485v2rs/1-8123	-----GTTAAGGCAG	TC-----GAT	-----GATCGTT	-----GG-----	-----TGAA	
drosophila_innubila_gca004354385vlrs/1-8123	-----	-----	-----	-----	-----	
drosophila_arizonae_gca001654025vlrs/1-8123	-----GTTAGGGCAG	TG-----GATC	AGTTAGCT	-----GA-----	-----ATAC	
drosophila_mojavensis_gca018153725vlrs/1-8123	-----GTTAGGGCAG	TG-----GATC	AGTTAGCT	-----GA-----	-----ATAC	
drosophila_navajoa_gca001654015v2rs/1-8123	-----GTTAGGGCAG	TG-----GATC	AGTTAGCT	-----GA-----	-----ATAC	
drosophila_hydei_gca003285905v2rs/1-8123	-----GTTAGGGCAG	TG-----GATC	AGTTAGCT	-----GA-----	-----ATAC	
drosophila_virilis_gca003285735v2rs/1-8123	-----GTTAGGGCAG	TGGATCGATC	GGTTAGTT	-----GA-----	-----ATAC	
drosophila_grimshawi_gca018153295vlrs/1-8123	-----GTCGAGGCAG	TG-----TA-----	-----GATGGA-----	-----AG-----	-----ATAC	
drosophila_busckii_gca011750605vlrs/1-8123	-----GTTAAGGCAG	TG-----T-----	-----TT-----	-----GA-----	-----ATAC	
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....	.....

drosophila_melanogaster/1-8123	TGCCATCCA- CC-AT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_mauritiana_gca004382145v1rs/1-8123	TGCCATCCA- CC-AT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_simulans_gca016746395v2rs/1-8123	TGCCATCCA- CC-AT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_sechellia_gca004382195v2rs/1-8123	TGCCATCCA- CC-AT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_erecta_gca003286155v2rs/1-8123	TGCCATCCA- CC-AT-----	TTTAGTTT-- GTTT-G-----	-----AAA- -----GTTT
drosophila_santomea_gca016746245v2rs/1-8123	TGCCATCCA- CCAAT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_yakuba_gca016746365v2rs/1-8123	TGCCATCCA- CCAAT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_teissieri_gca016746235v2rs/1-8123	TGCCATCCA- CC-AT-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_eugracilis_gca018153835v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-TG---	-----AAA- -----GTTT
drosophila_biarmipes_gca025231255v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_subpulchrella_gca014743375v2rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-TT---	-----AAA- -----GTTT
drosophila_suzukii_gca013340165v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-TT---	-----AAA- -----GTTT
drosophila_takahashii_gca018152695v1rs/1-8123	TGCCATCCA- AC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_elegans_gca000224195v2rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_gunungcola_gca025200985v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_rhopaloea_gca018152115v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_ficusphila_gca018152265v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_kikkawai_gca018152535v1rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTTTG TTTT-T-----	-----AAA- -----GTTT
drosophila_ananassae_gca017639315v2rs/1-8123	TGCCATCCA- CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_bipectinata_gca000236285v2rs/1-8123	TGCCATCCAT CC-AG-----	TTTAGTTT-- GTTT-T-----	-----AAA- -----GTTT
drosophila_guanche_gca900245975v1rs/1-8123	TGCCATCCA- CA-AA-----	CAATTTTTT-G TTTT-T-----	-----AAA- -----GTTT
drosophila_subobscura_gca008121235v1rs/1-8123	TGCCATCCA- CA-AA-----	CAATTTTTT-G TTTT-T-----	-----AAA- -----GTTT
drosophila_obscura_gca018151105v1rs/1-8123	TGCCATCCA- CA-AA-----	CAATTTTTT-G TTTT-T-----	-----AAA- -----GTTT
drosophila_miranda_gca003369915v2rs/1-8123	TGCCATCCA- CA-AA-----	CAATTTTTT-- TTTT-----	-----AAA- -----GTTT
drosophila_persimilis_gca003286085v2rs/1-8123	TGCCATCCA- CA-AA-----	CAATTTTTT-- TTTT-T-----	-----AAA- -----GTTT
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TGCCATCCA- CA-AA-----	CAATTTTTT-- TTTT-T-----	-----AAA- -----GTTT
drosophila_willistoni_gca018902025v2rs/1-8123	TGCCATCCA- CA-AA-----	-AATTTTTT-- GTTT-CTCCA	GAGTAAAAAA AAAGGAAAAC AA-AAAATTC
drosophila_albomicans_gca009650485v2rs/1-8123	TCTAGTGGA- TA-AAATGTG CA-----	-TTT-T-----	-----AAACG TT-AAAGTTT
drosophila_innubila_gca004354385v1rs/1-8123	-----	-TTA-----	-----AAACG TT-AAAGTTT
drosophila_arizonae_gca001654025v1rs/1-8123	TCTTCTTCT- TC-TTATTCA TAATTTTTT--	GTTT-C-----	-----AAACT TC-AAAGTTT
drosophila_mojavensis_gca018153725v1rs/1-8123	TCTTCTTCT- TC-TTATTCA TAATTTTTT--	GTTT-C-----	-----AAACT TC-AAAGTTT
drosophila_navajoa_gca001654015v2rs/1-8123	TCTTCTTCT- TC-TTATTCA TAATTTTTT--	GTTT-C-----	-----AAACT TC-AAAGTTT
drosophila_hydei_gca003285905v2rs/1-8123	TCTTCGTCT- TC-TTCTTCT TAATTTTTT--	GTTT-C-----	-----AAACT TC-AAAGTTT
drosophila_virilis_gca003285735v2rs/1-8123	TCTTCTATA- TATATATATA TAATTTTTT--	GTTTCC-----	-----AAACT TTCAAAAGTTT
drosophila_grimshawi_gca018153295v1rs/1-8123	TCTGCTG--- --TTTTTTT--	GTTT-T-----	-----CAACT TT-AAAGTTT
drosophila_busckii_gca011750605v1rs/1-8123	TTTTTTTTTC- TA-AC-----	CAACATTT-- ATTT-TGAAA	GTTTTTAAA- -----AAACT AA-AGAGCGT
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus_atricapillus_gca933228815v1/1-8123

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drosophila_melanogaster/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_mauritiana_gca004382145v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_simulans_gca016746395v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_sechellia_gca004382195v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_erecta_gca003286155v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_santomea_gca016746245v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_yakuba_gca016746365v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_teissieri_gca016746235v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_eugracilis_gca018153835v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_biarmipes_gca025231255v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_subpulchrella_gca014743375v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_suzukii_gca013340165v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	TAATTTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_takahashii_gca018152695v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_elegans_gca000224195v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_gunungcola_gca025200985v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_rhopaloea_gca018152115v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_ficusphila_gca018152265v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_kikkawai_gca018152535v1rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATTTAA	AA	C	TAAA	----	T	-----		
drosophila_ananassae_gca017639315v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_bipectinata_gca000236285v2rs/1-8123	GAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAA	----	T	-----		
drosophila_guanche_gca900245975v1rs/1-8123	AAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	T	AAATTTT	----			
drosophila_subobscura_gca008121235v1rs/1-8123	AAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	T	AAATTTT	----			
drosophila_obscura_gca018151105v1rs/1-8123	AAAAAA	CT	--	TGC	TTAA	--	ATTAAATC	AAATT	AA	C	TAAAATTTT	----				
drosophila_miranda_gca003369915v2rs/1-8123	AAAAAA	CT	--	TG	----	A	ATTAAATC	AAATT	AA	C	TAAATTTTT	----				
drosophila_persimilis_gca003286085v2rs/1-8123	AAAAAA	CT	--	TG	----	A	ATTAAATC	AAATT	AA	C	TAAATTTTT	----				
drosophila_pseudoobscura_gca009870125v2rs/1-8123	AAAAAA	CT	--	TG	----	A	ATTAAATC	AAATT	AA	C	TAAATTTTT	----				
drosophila_willistoni_gca018902025v2rs/1-8123	CAAAATCTAA			AACTT	TTAA	--	ACTAAAC	ACACA	AA	G	CAAG	----	T	-----		
drosophila_albomicans_gca009650485v2rs/1-8123	CAAAAA	CT	--	TTG	T	AA	AC				AATC	TTAA	----	A	-----	
drosophila_innubila_gca004354385v1rs/1-8123	CCAAAA	CT	--	TTC	T	AA	AC				AA	T	TCAA	----	A	-----
drosophila_arizonae_gca001654025v1rs/1-8123	CAAAAA	CT	--	TTC	AAAA		AC				AA	A	CAAA	----	A	-----
drosophila_mojavensis_gca018153725v1rs/1-8123	CAAAAA	CT	--	TTC	AAAA		AC				AA	A	TAAA	----	A	-----
drosophila_navjoa_gca001654015v2rs/1-8123	CAAAAA	CT	--	TTC	TAAA		AC			</						

drosophila_melanogaster/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAAC	-ATTTCCTTT
drosophila_mauritiana_gca004382145v1rs/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAAC	-ATTTCCTTT
drosophila_simulans_gca016746395v2rs/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAAC	-ATTTCCTTT
drosophila_sechellia_gca004382195v2rs/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAAC	-ATTTCCTTT
drosophila_erecta_gca003286155v2rs/1-8123	-----TAAAA	T-----C	T-----	-----A-----AAC	--G--AGA	-ATTTCCTTT
drosophila_santomea_gca016746245v2rs/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAA	-ATTTCCTTT
drosophila_yakuba_gca016746365v2rs/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAA	-ATTTCCTTT
drosophila_teissieri_gca016746235v2rs/1-8123	-----TAAAA	T-----G	T-----	-----A-----AAC	--G--AAA	-ATTTCCTTT
drosophila_eugracilis_gca018153835v1rs/1-8123	-----TAAAT	G-----T	A-----	-----A-----AAC	--GATAAAACA	AATTTCCTTT
drosophila_biarmipes_gca025231255v1rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--ATAA	-ATTTCCTTT
drosophila_subpulchrella_gca014743375v2rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-ATTTCCTTT
drosophila_suzukii_gca013340165v1rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-ATTTCCTTT
drosophila_takahashii_gca018152695v1rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-TTTCCTTT
drosophila_elegans_gca000224195v2rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-TTTCCTTT
drosophila_gunungcola_gca025200985v1rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-TTTCCCTT
drosophila_rhopaloea_gca018152115v1rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-ATTTCCTTT
drosophila_ficusphila_gca018152265v1rs/1-8123	-----TAAAT	G-----T	-----	-----A-----AAC	--G--AAAA	-ATTTCCTTT
drosophila_kikkawai_gca018152535v1rs/1-8123	-----TAAAT	GTAAA-ACGA	-----	-----A-----AAC	--G--A	-TTTCCTTTT
drosophila_ananassae_gca017639315v2rs/1-8123	-----TAAAT	-TACA-ATTT	-----	-----A-----AAC	--G--AA	-ATTTCCTTT
drosophila_bipectinata_gca000236285v2rs/1-8123	-----TAAAT	G-----	-----	-----TAAA-C	--G--AA	-ATTTCCTTT
drosophila_guanche_gca900245975v1rs/1-8123	-----TAA	-T-ATATGT	-----	-----A-----AAC	--A--A	-----
drosophila_subobscura_gca008121235v1rs/1-8123	-----TAA	-T-ATATGT	-----	-----A-----AAC	--A--A	-----
drosophila_obscura_gca018151105v1rs/1-8123	-----TAA	-T-ATATGT	-----	-----A--A	-----	-----
drosophila_miranda_gca003369915v2rs/1-8123	-----TCA	-TACATATGT	-----	-----A-----CAT	--A--T	-----
drosophila_persimilis_gca003286085v2rs/1-8123	-----TCA	-TACATATGT	-----	-----A-----CAT	--A--T	-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----TCA	-TACATATGT	-----	-----A-----CAT	--A--T	-----
drosophila_willistoni_gca018902025v2rs/1-8123	-----TTA	-AAAA-ACTT	-----	-----ACC-AAC	TTA--A	-----
drosophila_albomicans_gca009650485v2rs/1-8123	-----TCT	-----	-----	-----	-----	-----
drosophila_innubila_gca004354385v1rs/1-8123	-----TGT	-AAAA-ATTT	-TTTAAAATT	TATATAATTA	ATG--AAC	--A--A
drosophila_arizonae_gca001654025v1rs/1-8123	-----AAC	-AAAA-ACTC	-----	-----G	-----	-----
drosophila_mojavensis_gca018153725v1rs/1-8123	-----AAC	-AAAA-ACTC	-----	-----G	-----	-----
drosophila_navajoa_gca001654015v2rs/1-8123	-----AAC	-AAAA-ACTC	-----	-----G	-----	-----
drosophila_hydei_gca003285905v2rs/1-8123	-----	-A-ACTC	-----	-----G	-----	-----
drosophila_virilis_gca003285735v2rs/1-8123	-----TGT	-AAAA-ATTT	-----	-----A-----AAC	--A--A	-----
drosophila_grimshawi_gca018153295v1rs/1-8123	TCGTATGT	-AAAA-ATTT	-----	-----T-----AAA	--A--G	-----
drosophila_busckii_gca011750605v1rs/1-8123	-----TAT	-AAAA-AAAT	-----	-----A-----TTT	--A--A-C	-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....	.....
machimus_atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....	.....	.....

drosophila_melanogaster/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_mauritiana_gca004382145vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_simulans_gca016746395v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_sechellia_gca004382195v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAA-	TG-----AAAC-T---	
drosophila_erecta_gca003286155v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_santomea_gca016746245v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_yakuba_gca016746365v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_teissieri_gca016746235v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	TA-----A-AAAA	TT-----AAAC-T---	
drosophila_eugracilis_gca018153835vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_biarmipes_gca025231255vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_subpulchrella_gca014743375v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	A--CTAAATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_suzukii_gca013340165vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	A-CTAAATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_takahashii_gca018152695vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	T-----A-AAAAA	TT-----AAAC-T---	
drosophila_elegans_gca000224195v2rs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTATATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_gunungcola_gca025200985vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_rhopaloea_gca018152115vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	T-----A-AAAT	TT-----AAAC-T---	
drosophila_ficusphila_gca018152265vlrs/1-8123	TTTTT-AAACC	T-----AAAAA	--CTAAATGC	T-----A-AAAA	TT-----AAAC-T---	
drosophila_kikkawai_gca018152535vlrs/1-8123	TTTTT-AAACC	TAA-AAAAA	--CTAAATGC	T-----A-AAAA	TT-----AAAACT	
drosophila_ananassae_gca017639315v2rs/1-8123	TTTTT-AAACC	TAA-AAAAA	--CTAAATGC	T-----A-AAAA	TT-----AAACTT	
drosophila_bipectinata_gca000236285v2rs/1-8123	TTTTT-AAACC	TAA-AAAAA	--CTAACCGC	T-----A-AAAA	TT-----AAACTT	
drosophila_guanche_gca900245975vlrs/1-8123	TTTTTAAAATT	TAA-A----	-----C	T-TAAACT	-A-AAAA	TTA-----AAAACT
drosophila_subobscura_gca008121235vlrs/1-8123	TTTTTAAAATT	TAA-A----	-----C	T-TAAACT	-A-AAAA	TTA-----AAATCT
drosophila_obscura_gca018151105vlrs/1-8123	TTTTTAAAATT	TAA-A----	-----C	T-TAAACTAA	AA-AAAA	TTA-----CAAAC
drosophila_miranda_gca003369915v2rs/1-8123	TTTTTAAAATT	TAA-A----	-----C	T-----A-AAAA	AAAA	TTA-----AAAAC
drosophila_persimilis_gca003286085v2rs/1-8123	TTTTTAAAATT	TAA-A----	-----C	T-----A-AAAA	AAAA	TTA-----AAAAC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TTTTTAAAATT	TAA-A----	-----C	T-----A-AAAA	AAAA	TTA-----AAAAC
drosophila_willistoni_gca018902025v2rs/1-8123	TTTTTAAAATT	TAACAATAAA	--ATGTATGA	A-----A-AACT	TAA-----ACGAAC	
drosophila_albomicans_gca009650485v2rs/1-8123	TTTTTTAAATC	TAA-AAAAA	--CTAGCTAA	A-----A-AAAA	CAA-----AAGAATGAG	
drosophila_innubila_gca004354385vlrs/1-8123	TTTTTTAAATC	TAA-AAATAA	--CTAGCTAA	A-----C-AAAA	GAA-----ATGAGT	
drosophila_arizonae_gca001654025vlrs/1-8123	TTTTTTAAATT	TAA-AACAA	--AAAAAAAA	C-----A-AAAA	AAA-----CTAAAT	
drosophila_mojavensis_gca018153725vlrs/1-8123	TTTTTTAAATC	TAA-AAAAA	--AAAAAAAA	C-----A-AAAA	AAAAAACAAA	CAAAAAT
drosophila_navajoa_gca001654015v2rs/1-8123	TTTTTTAAATC	TAA-AAAAA	--ACAATAAA	C-----A-TAA	--T-----AAAAAT	
drosophila_hydei_gca003285905v2rs/1-8123	TTTTTTAAATC	TAA-AAAAA	--ATTATAAA	A-----A-CAAA	AAC-----AAAAAT	
drosophila_virilidis_gca003285735v2rs/1-8123	TTTTTTAAATC	TAA-AAAAA	--CGAATTAA	A-----ATCGAATC	GAA-----TCGAAT	
drosophila_grimshawi_gca018153295vlrs/1-8123	TTTTTTAAATC	TAA-AAAAA	--CGAATTGA	A-----A-T	-----CGAAT	
drosophila_busckii_gca011750605vlrs/1-8123	TTTTTTAAATC	TAA-A....
bactrocera_neohumeralis_gca024586455v2rs/1-8123
coremacera_marginata_gca914767935v1/1-8123
myopa_tessellatipennis_gca943737955v1/1-8123
machimus atricapillus_gca933228815v1/1-8123

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drosophila_melanogaster/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_mauritiana_gca004382145vlrs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_simulans_gca016746395v2rs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_sechellia_gca004382195v2rs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_erecta_gca003286155v2rs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_santomea_gca016746245v2rs/1-8123	CAAAAAATG-	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_yakuba_gca016746365v2rs/1-8123	CAAAAAATG-	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_teissieri_gca016746235v2rs/1-8123	CAAAAAAGAA	AAAAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_eugracilis_gca018153835vlrs/1-8123	-AAA-----	--AAAAACC-	-----	-AAA--A-	-----C	AGAT-----	
drosophila_biarmipes_gca025231255vlrs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	ACAT-----	
drosophila_subpulchrella_gca014743375v2rs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAT--A-	-----C	AGAT-----	
drosophila_suzukii_gca013340165vlrs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AGAT-----	
drosophila_takahashii_gca018152695vlrs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_elegans_gca000224195v2rs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_gunungcola_gca025200985vlrs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_rhopaloea_gca018152115vlrs/1-8123	CAAA-----	--AAAGACAT	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_ficusphila_gca018152265vlrs/1-8123	CAAA-----	--AAAGACAA	GCAAAG----	-AAA--A-	-----C	AAAT-----	
drosophila_kikkawai_gca018152535vlrs/1-8123	CAAA-----	-AAACAAGT	AAAGAG----	-AAA--A-	-----C	AAAT-----	
drosophila_ananassae_gca017639315v2rs/1-8123	CAAA-----	--AAAGAAGA	GTAAG-----	-AAAC-A-	-----C	ACAT-----	
drosophila_bipectinata_gca000236285v2rs/1-8123	CAAA-----	--AAAGAAGA	GTAAG-----	-AAA--A-	-----C	ACAT-----	
drosophila_guanche_gca900245975vlrs/1-8123	CAAA-----	-A-----	-AGA-----	-AAA--G-	-----C	AAAT-----	
drosophila_subobscura_gca008121235vlrs/1-8123	CAAA-----	-A-----	-AGA-----	-AAA--G-	-----C	AAAT-----	
drosophila_obscura_gca018151105vlrs/1-8123	-----	-----	-AAA-----	-AAA--G-	-----C	AAAT-----	
drosophila_miranda_gca003369915v2rs/1-8123	CAAA-----	-A-----	-ACAA-----	-AAA--T-	-----C	AAAT-----	
drosophila_persimilis_gca003286085v2rs/1-8123	CAAA-----	-A-----	-GAAA-----	-AAA--T-	-----C	AAAT-----	
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CAAA-----	-A-----	-GAAA-----	-AAA--T-	-----C	AAAT-----	
drosophila_willistoni_gca018902025v2rs/1-8123	CAAA-----	-A-----	-AGAA-----	-AATTGCTG	-----C	AAAT-----	
drosophila_albomicans_gca009650485v2rs/1-8123	AGAA-----	-A-----	-AGAA-----	-AAA--C-	-----G	AACC-----	
drosophila_innubila_gca004354385vlrs/1-8123	--AT-----	-A-----	-ATAT-----	-TAT--C-	-----G	AACC-----	
drosophila_arizonae_gca001654025vlrs/1-8123	CACA-----	-A-----	-AGAA-----	-CAA--GA	GCAAATTGAA	ATTGTTAAAC	AACT-----
drosophila_mojavensis_gca018153725vlrs/1-8123	CACA-----	-A-----	-AGAA-----	-CAA--GA	GAAAATTGAA	ATCGTTAAAC	AACT-----
drosophila_navjoa_gca001654015v2rs/1-8123	CACA-----	-A-----	-AGAA-----	-CAA--GA	GCAAATTGAA	ATCGTTAAAC	AACT-----
drosophila_hydei_gca003285905v2rs/1-8123	CACA-----	-T-----	-AGAG-----	-AAA--AG	--AAATTGAA	ATCTCAAATC	AACT-----
drosophila_virilidis_gca003285735v2rs/1-8123	GAAA-----	-A-----	-AAAA-----	-AAA--G-	-----C	AACT-----	
drosophila_grimshawi_gca018153295vlrs/1-8123	CAAA-----	-A-----	-ACTACTTTT	TAAA--T-	-----C	AACC-----	
drosophila_busckii_gca011750605vlrs/1-8123	TAAA-----	-T-----	-AAAA-----	-AAA--A-	-----A	AAACTAACTG	
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	
machimus_atricapillus_gca933228815v1/1-8123	

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drosophila_melanogaster/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_mauritiana_gca004382145v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_simulans_gca016746395v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_sechellia_gca004382195v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_erecta_gca003286155v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_santomea_gca016746245v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAC---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_yakuba_gca016746365v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_teissieri_gca016746235v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_eugracilis_gca018153835v1rs/1-8123	T-----C-C TCAGCTCAGC T-----CT CCAC---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_biarmipes_gca025231255v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAC---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_suzukii_gca013340165v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_takahashii_gca018152695v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_elegans_gca000224195v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAC---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_gunungcola_gca025200985v1rs/1-8123	T-----C-C TCAGCT--AC T-----CT CCAC---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_rhopaloea_gca018152115v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_ficusphila_gca018152265v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_kikkawai_gca018152535v1rs/1-8123	T-----C-C TCAGCT--GC T-----CCA CCAC---AAG C-----AAA --AA-AGGT-- --
drosophila_ananassae_gca017639315v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAT---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_bipectinata_gca000236285v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG C-----AAGG TAA-ATGTTT -C-C-----
drosophila_guanche_gca900245975v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG CAACAAAAGG TAA-A----T -C-C-----
drosophila_subobscura_gca008121235v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG CAACAAAAGG TAA-A----T -C-C-----
drosophila_obscura_gca018151105v1rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG CAACAAAAGG TAA-A----T -C-C-----
drosophila_miranda_gca003369915v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG CAACAAAAGG TAA-A----T -C-C-----
drosophila_persimilis_gca003286085v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG CAACAAAAGG TAA-A----T -C-C-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	T-----C-C TCAGCT--GC T-----CT CCAA---AAG CAACAAAAGG TAA-A----T -C-C-----
drosophila_willistoni_gca018902025v2rs/1-8123	T-----CATT TTTGTG--CC AA-----TT TCGTA--GTG C-----AAAT CAATA--T -C-C-----
drosophila_albomicans_gca009650485v2rs/1-8123	TTTTGGCC--T TCAGCT--GC AT-----TA CCATCTCAAG C-----AAGG TAA-A----T -CGA-----
drosophila_innubila_gca004354385v1rs/1-8123	TTTTGGCC--T TCAGCT--GC GT-----TA CCACC--AAG C-----AAGG TAA-A----T -C-----
drosophila_arizonae_gca001654025v1rs/1-8123	TTTTGGCC--T TCAGCT--GC GA-----TT CCATC--CAAG CA-----AAGG TAA-A----T -CTTAAACAA
drosophila_mojavensis_gca018153725v1rs/1-8123	TTTTGGCC--T TCAGCT--GC GA-----TT CCATC--CAAG CA-----AAGG TAA-A----T -CTTAAAGAA
drosophila_navajoa_gca001654015v2rs/1-8123	TTTTGGCC--T TCAGCT--GC GA-----TT CCATC--CAAG CA-----AAGG TAA-A----T -CTTAAACAA
drosophila_hydei_gca003285905v2rs/1-8123	TTTTGGCC--T TCAGCT--GC AA-----TT TCATC--CAAG CA-----AAGG TAA-A----T -CTT-----
drosophila_virilis_gca003285735v2rs/1-8123	TTTTGGCC--T TCAGCT--GC -A-----TT CCATC--AAC C-----AAGG TAA-A----T -CTT-----
drosophila_grimshawi_gca018153295v1rs/1-8123	TTTTGGCC--T TCAGCT--GC G-----TT CCAAC--AAG C-----AAGG TAA-A----T -CTT-----
drosophila_busckii_gca011750605v1rs/1-8123	TTTTGGCC--T TCAGCT--TC AGCGTGGTG-- CCACA--AAG C-----AAGG TAA-A----T GTTT-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	..... ..
coremacera_marginata_gca914767935v1/1-8123	..... ..
myopa_tessellatipennis_gca943737955v1/1-8123
machimus atricapillus_gca933228815v1/1-8123

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drosophila_melanogaster/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_mauritiana_gca004382145vlrs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	C	T
drosophila_simulans_gca016746395v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	C	T
drosophila_sechellia_gca004382195v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	C	T
drosophila_erecta_gca003286155v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_santomea_gca016746245v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CACAAAA	A	---	---	---	T	A	T	T
drosophila_yakuba_gca016746365v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CACAAAA	A	---	---	---	T	A	T	T
drosophila_teissieri_gca016746235v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_eugracilis_gca018153835vlrs/1-8123	-AA	G	C	CCAAAAA	G	TC	---	---	CAC	AAA	A	---	---	T	T	A	T
drosophila_biarmipes_gca025231255vlrs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AGA	A	---	---	T	A	T	T
drosophila_subpulchrella_gca014743375v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_suzukii_gca013340165vlrs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_takahashii_gca018152695vlrs/1-8123	-AT	G	C	CC	AAAA	AG	TC	---	CAC	AGA	A	---	---	T	A	T	T
drosophila_elegans_gca000224195v2rs/1-8123	-AT	G	C	CC	AACA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_gunungcola_gca025200985vlrs/1-8123	-AT	G	C	CC	AACA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_rhopaloea_gca018152115vlrs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_ficusphila_gca018152265vlrs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CAC	AAA	A	---	---	T	A	T	T
drosophila_kikkawai_gca018152535vlrs/1-8123	---	---	---	---	AAAA	G	TC	---	CACAAAA	A	---	---	---	T	A	T	T
drosophila_ananassae_gca017639315v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CGC	AA	A	---	---	T	A	T	T
drosophila_bipectinata_gca000236285v2rs/1-8123	-AT	G	C	CC	AAAA	G	TC	---	CGC	AA	A	---	---	T	A	T	T
drosophila_guanche_gca900245975vlrs/1-8123	-AC	A	C	AC	---	ACAG	TC	---	CAC	AG	A	---	---	T	A	T	T
drosophila_subobscura_gca008121235vlrs/1-8123	-AC	A	C	AC	---	ACAG	TC	---	CAC	AG	A	---	---	T	A	T	T
drosophila_obscura_gca018151105vlrs/1-8123	-AC	A	T	AC	---	A	G	TC	---	CAC	AG	A	---	T	A	T	T
drosophila_miranda_gca003369915v2rs/1-8123	-AA	A	C	AC	---	A	G	TC	---	CAC	AG	A	---	T	A	CTTT	T
drosophila_persimilis_gca003286085v2rs/1-8123	-AA	A	C	AC	---	A	G	TC	---	CAC	AG	A	---	T	A	CTTT	T
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-AA	A	C	AC	---	A	G	TC	---	CAC	AG	A	---	T	A	CTTT	T
drosophila_willistoni_gca018902025v2rs/1-8123	-AA	A	T	AC	AACA	T	CCAATTGAGT	TTACAC	AA	A	---	---	---	T	A	T	T
drosophila_albomicans_gca009650485v2rs/1-8123	-ATCGA	---	A	TT	AAAC	C	AT	---	CCC	AA	A	---	---	---	---	---	---
drosophila_innubila_gca004354385vlrs/1-8123	---	---	---	TT	AAAC	C	AT	---	CCC	AC	A	---	---	---	---	---	---
drosophila_arizonae_gca001654025vlrs/1-8123	AAC	---	AAAAA	AC	ATTT	G	AC	---	CA	---	---	CGC	CCCC	A	---	T	T
drosophila_mojavensis_gca018153725vlrs/1-8123	AAT	---	AAAAA	AC	ATTT	G	AC	---	CA	---	---	CGC	CCCC	A	---	T	T
drosophila_navjoa_gca001654015v2rs/1-8123	AAC	---	---	C	ATTT	G	AC	---	CA	---	---	CGC	CCCC	A			

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Species	Gene	Position	Sequence	Reference	Conservation	Annotations
drosophila_melanogaster	gca004382145v1rs/1-8123	1-8123	TG AGAAA	GAAG	G	CAG
drosophila_mauritiana	gca004382145v1rs/1-8123	1-8123	TG AAAAT	GAAG	G	CAG
drosophila_simulans	gca016746395v2rs/1-8123	1-8123	TG AAAAT	GAAG	G	CAG
drosophila_sechellia	gca004382195v2rs/1-8123	1-8123	TG AAAAT	GAAG	G	CAG
drosophila_erecta	gca003286155v2rs/1-8123	1-8123	TG AAAAC	GCAG	G	CAG
drosophila_santomea	gca016746245v2rs/1-8123	1-8123	TA AAAAT	GAAG	GCAG	CAG
drosophila_yakuba	gca016746365v2rs/1-8123	1-8123	TA AAAAT	GAAG	GCAG	CAG
drosophila_teissieri	gca016746235v2rs/1-8123	1-8123	TA GAAAT	GAAG	GCAG	CAG
drosophila_eugracilis	gca018153835v1rs/1-8123	1-8123	TG AAAACA	CAAAA	G	AAG
drosophila_biarmipes	gca025231255v1rs/1-8123	1-8123	TG AAAA	G	G	CAG
drosophila_subpulchrella	gca014743375v2rs/1-8123	1-8123	TG AAAA	G	G	CAG
drosophila_suzukii	gca013340165v1rs/1-8123	1-8123	TG AAAA	G	G	CAG
drosophila_takahashii	gca018152695v1rs/1-8123	1-8123	TG AAAA	ATGACAG	CGG	CAG
drosophila_elegans	gca000224195v2rs/1-8123	1-8123	AA AAAT	G	G	CAG
drosophila_gunungcola	gca025200985v1rs/1-8123	1-8123	AA AAAA	G	G	CAG
drosophila_rhopaloea	gca018152115v1rs/1-8123	1-8123	TA AAAC	G	G	CAG
drosophila_ficusphila	gca018152265v1rs/1-8123	1-8123	TA AGAA	G	G	CAG
drosophila_kikkawai	gca018152535v1rs/1-8123	1-8123	CA AAAA	A	G	AAAGGCT
drosophila_ananassae	gca017639315v2rs/1-8123	1-8123	CA AAAA	A	G	CAG
drosophila_bipectinata	gca000236285v2rs/1-8123	1-8123	AG AAAA	A	G	CAG
drosophila_guanche	gca900245975v1rs/1-8123	1-8123	CA CACA	A	C	ACG
drosophila_subobscura	gca008121235v1rs/1-8123	1-8123	CA CACA	A	C	ACG
drosophila_obscura	gca018151105v1rs/1-8123	1-8123	TA CACA	G	C	ACG
drosophila_miranda	gca003369915v2rs/1-8123	1-8123	CA CACA	A	C	ACG
drosophila_persimilis	gca003286085v2rs/1-8123	1-8123	CA CACA	A	C	ACG
drosophila_pseudoobscura	gca0009870125v2rs/1-8123	1-8123	CA CACA	A	C	ACG
drosophila_willistoni	gca018902025v2rs/1-8123	1-8123	TA AAAA	A	C	ACA
drosophila_albomicans	gca009650485v2rs/1-8123	1-8123	CA AAT	T	GTA	GAT
drosophila_innubila	gca004354385v1rs/1-8123	1-8123	AA TGT	T	GTA	GAG
drosophila_arizonae	gca001654025v1rs/1-8123	1-8123	AA CAAA	T	A	ATA
drosophila_mojavensis	gca018153725v1rs/1-8123	1-8123	AC AAA	T	A	ATA
drosophila_navajoa	gca001654015v2rs/1-8123	1-8123	AA AAA	T	A	ATA
drosophila_hydei	gca003285905v2rs/1-8123	1-8123	TC AAA	T	A	ACA
drosophila_virilis	gca003285735v2rs/1-8123	1-8123	CA AAA	G	C	ATA
drosophila_grimshawi	gca018153295v1rs/1-8123	1-8123				
drosophila_busckii	gca011750605v1rs/1-8123	1-8123	AAA AAC	T	T	ACA
bactrocera_neohumeralis	gca024586455v2rs/1-8123	1-8123				
coremacera_marginata	gca914767935v1/1-8123	1-8123				
myopa_tessellatipennis	gca943737955v1/1-8123	1-8123				
machimus atricapillus	gca933228815v1/1-8123	1-8123				

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drosophila_melanogaster/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_mauritiana_gca004382145vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_simulans_gca016746395v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_sechellia_gca004382195v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_erecta_gca003286155v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_santomea_gca016746245v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_yakuba_gca016746365v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_teissieri_gca016746235v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_eugracilis_gca018153835vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_biarmipes_gca025231255vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_subpulchrella_gca014743375v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_suzukii_gca013340165vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_takahashii_gca018152695vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_elegans_gca000224195v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_gunungcola_gca025200985vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_rhopaloea_gca018152115vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_ficusphila_gca018152265vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_kikkawai_gca018152535vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_ananassae_gca017639315v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_bipectinata_gca000236285v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_guanche_gca900245975vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_subobscura_gca008121235vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_obscura_gca018151105vlrs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_miranda_gca003369915v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_persimilis_gca003286085v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_pseudoobscura_gca009870125v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_willistoni_gca018902025v2rs/1-8123	GTGTTTATA	---	TATAT	---	TATA	T
drosophila_albomicans_gca009650485v2rs/1-8123	GTGCAGATAA	ACAAACAATC	ACACACACAC	ACAAACACAT	ATAAATATAC	ATAACTATA
drosophila_innubila_gca004354385vlrs/1-8123	GTGCAGATA	---	CATATAT	ATATATATAT	ATATATATAC	TATAACTATA
drosophila_arizonae_gca001654025vlrs/1-8123	.....	.....	.....	.....	.....	.....
drosophila_mojavensis_gca018153725vlrs/1-8123	GTGCAGATA	---	TATA	---	TATAT	ATA
drosophila_navojoa_gca001654015v2rs/1-8123	GTGCAGATA	---	TATA	---	TATACATCC	A-A
drosophila_hydei_gca003285905v2rs/1-8123	GTGCATATA	---	TATA	---	TCTCC	ATA
drosophila_virilis_gca003285735v2rs/1-8123	---	ATA	---	TATA	---	CACAC
drosophila_grimshawi_gca018153295vlrs/1-8123	GTGCATATA	---	TATATAT	ATATATATAC	ATA	---
drosophila_busckii_gca011750605vlrs/1-8123	GTGCA	TA	---	TATAT	---	---
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....	.....	.....

drosophila_melanogaster/1-8123	--A--ACA--GAACG--TA	AAAC-----	-----AG--	-----AAAA--	---A---GA	AAAA-----C
drosophila_mauritiana_gca004382145v1rs/1-8123	--A--ACA--GAA-----	-----	-----	-----AA--	---A---GA	AAAT-----C
drosophila_simulans_gca016746395v2rs/1-8123	--A--ACA--GAA-----	-----	-----	-----AA--	---A---GA	AAAA-----C
drosophila_sechellia_gca004382195v2rs/1-8123	--A--AAA--GAA-----	-----	-----	-----AA--	---A---GA	AAAA-----C
drosophila_erecta_gca003286155v2rs/1-8123	--A--ACA--GAACG--TA	AAAC-----	-----AC--	-----AAAA--	---A---GA	AAAA-----C
drosophila_santomea_gca016746245v2rs/1-8123	--A--ACA--GAAAG--TA	AAAC-----	-----AC--	-----AAAA--	---C---GA	AAAA-----C
drosophila_yakuba_gca016746365v2rs/1-8123	--A--ACA--GAAAG--TA	AAAC-----	-----AG--	-----AAAA--	---C---GA	AAAA-----C
drosophila_teissieri_gca016746235v2rs/1-8123	--A--ACA--GAACG--TA	AAAC-----	-----AG--	-----AAAT--	---C---GA	AAAA-----C
drosophila_eugracilis_gca018153835v1rs/1-8123	--A--ACA--GAAAG--TA	AAAAAAT--	--GA-AAAC--	---GAAA--	---CCATGAA	AAAA-----T
drosophila_biarmipes_gca025231255v1rs/1-8123	--A--A-A--AAACG--TA	AGAC-AA--	--GATGGAA--	---AAACGAA	AATC---GA	AAA-----C
drosophila_subpulchrella_gca014743375v2rs/1-8123	--A--ACA--AAACG--TA	AAAC-AA--	--GATGGAA--	---AAACGAA	AATC---GA	AAAA-----C
drosophila_suzukii_gca013340165v1rs/1-8123	--A--ACA--AAACG--TA	AAAC-AA--	--GATGGAA--	---AAACGAA	AATC---GA	AAAA-----C
drosophila_takahashii_gca018152695v1rs/1-8123	--A--ACA--AAACG--AA	AAAC-----	-----A	AGA-AA--	---C---GA	AAAA-----C
drosophila_elegans_gca000224195v2rs/1-8123	--A--ACA--AAACG--TA	AATC-AA--	---GAAAGAA--	---ATAA--	---C---GA	AAAA-----C
drosophila_gunungcola_gca025200985v1rs/1-8123	--A--ACA--AAACG--TA	AATC-AA--	---GAAAGGA--	---ATAA--	---C---GA	AAAA-----C
drosophila_rhopaloea_gca018152115v1rs/1-8123	--A--ACA--AAACG--TA	AATC-AA--	---GA-AACA--	---AAAA--	---C---GA	AAAA-----C
drosophila_ficusphila_gca018152265v1rs/1-8123	--A--ACA--AAACG--TA	AAAC-CA--	---GAAACAA--	---AC-A--	---C---GA	AAAA-----A
drosophila_kikkawai_gca018152535v1rs/1-8123	TCA-AAA--AAACA--GA	AAAC-AAA--	C-GA-CGGA--	-----	---GA	AAAA-----C
drosophila_ananassae_gca017639315v2rs/1-8123	ATA-AAT--AAATACACGA	AACCAGAAAC	A-AAACGAA--	---AAAA--	---T---GA	AAAA-----C
drosophila_bipectinata_gca000236285v2rs/1-8123	ATA-AAT--AAATACACGA	AACC-AGA--	A-AC-CAGA--	---AAAA--	---T---GA	AAAA-----T
drosophila_guanche_gca00245975v1rs/1-8123	---AAC--AACCA--AC	AAACAACCTTT	ATAATCGCA--	---AAAA--	-----G	AAAA-----C
drosophila_subobscura_gca008121235v1rs/1-8123	---GAC--AAACA--AC	AAACAACCTTT	ATAATCGCA--	---AAAA--	-----G	AAAA-----C
drosophila_obscura_gca018151105v1rs/1-8123	--A--CAA--AAACA--AC	AAACAACCTTT	ATAATCGCA--	---AAAA--	-----G	AAAA-----C
drosophila_miranda_gca003369915v2rs/1-8123	CAA-AAA--CAACA--AC	AACCATCTTT	ATAATCG-A--	---ATAA--	-----A	AAAA-----C
drosophila_persimilis_gca003286085v2rs/1-8123	CAA-AAA--CCACA--AC	AACCATCTTT	ATAATCG-A--	---ATAA--	-----A	AAAA-----C
drosophila_pseudoobscura_gca009870125v2rs/1-8123	CAA-AAA--CCACA--AC	AACCATCTTT	ATAATCG-A--	---AT-A--	-----A	AAAA-----C
drosophila_willistoni_gca018902025v2rs/1-8123	--A--CGA--AAT----AT	TAAC-AAAC	A-AA-CAAA--	---AAAA--	-----A	AAAAAGACGAA
drosophila_albomicans_gca009650485v2rs/1-8123	--A--CAA--AAT----AC	TACA-AAA--	A-AA-CGAA--	---AAAA--	-----C	AT-A-----C
drosophila_innubila_gca004354385v1rs/1-8123	--A--CAA--AAT----AC	AAAA-TGC--	A-AA-AAAA--	---AAAA--	-----C	AT-A-----C
drosophila_arizonae_gca001654025v1rs/1-8123	.....	.....	.....	.....	.....	.....
drosophila_mojavensis_gca018153725v1rs/1-8123	-----	-----	AAAA-AGA--	A-AA-CACA--	---AAAA--	---C-ATAA-----T
drosophila_navajoa_gca001654015v2rs/1-8123	-----	-----	AAAA-GAAGA	A-AA-AACA--	---AAAA--	---C-AAAA-----T
drosophila_hydei_gca003285905v2rs/1-8123	-----	-----	AGGA-----	A-AA--	-----C	AAAA-----T
drosophila_virilis_gca003285735v2rs/1-8123	--A--TAT--ATG----AC	AAAAAGTTAAA	A-AA-CATA--	---AAAA--	-----C	AAAA-----C
drosophila_grimshawi_gca018153295v1rs/1-8123	--A--CAAGT	AAT----GC	AAAA-AAA--	T-AA-AAAC--	-GTAAAA--	---C-AAAA-----C
drosophila_busckii_gca011750605v1rs/1-8123	--ATTCAA--CTT----AA	TATA-AAT--	A-AT-AAAA--	---ACAA--	-----C	ACAA-----T
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus_atricapillus_gca933228815v1/1-8123

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drosophila_melanogaster/1-8123	T	ACGA	G	ATGA	-----	AGGAA	----	-----	GGATTA	----	AGTA	----
drosophila_mauritiana_gca004382145vlrs/1-8123	T	ACGA	G	ATGA	-----	AGGAA	----	-----	GGATTA	----	AGTA	----
drosophila_simulans_gca016746395v2rs/1-8123	T	ACGA	G	ATGA	-----	AGGAA	----	-----	GGATTA	----	AGTA	----
drosophila_sechellia_gca004382195v2rs/1-8123	T	ACGA	G	ATGA	-----	AGGAA	----	-----	GGATTA	----	AGTA	----
drosophila_erecta_gca003286155v2rs/1-8123	T	ACGA	G	ATGA	-----	AGAA	-----	-----	GGATTA	----	AGTA	----
drosophila_santomea_gca016746245v2rs/1-8123	T	ACGA	G	ATGA	-----	AGGT	-----	-----	GGATTA	----	AGTA	----
drosophila_yakuba_gca016746365v2rs/1-8123	T	ACGA	G	ATGA	-----	AGGT	-----	-----	GGATTA	----	AGTA	----
drosophila_teissieri_gca016746235v2rs/1-8123	T	ACGA	G	ATGA	-----	AGGT	-----	-----	GGATTA	----	AGTA	----
drosophila_eugracilis_gca018153835vlrs/1-8123	TTAAGGA	G	ACGA	-----	AAAAA	-----	-----	-----	TGATTA	----	AGTA	----
drosophila_biarmipes_gca025231255vlrs/1-8123	T	GCGA	G	TTGA	-----	GAAGA	-----	-----	GGATTA	----	AGTA	----
drosophila_subpulchrella_gca014743375v2rs/1-8123	T	ACGA	G	ATGA	-----	AAAGA	-----	-----	GGATTA	----	AGTA	----
drosophila_suzukii_gca013340165vlrs/1-8123	T	ACGA	G	ATGA	-----	AAAGA	-----	-----	GGATTA	----	AGTA	----
drosophila_takahashii_gca018152695vlrs/1-8123	T	ACGA	G	ATGA	-----	AAAGATGAA	GAGA	-----	GGATTA	----	AGTA	----
drosophila_elegans_gca000224195v2rs/1-8123	T	ACGA	G	ATGA	-----	AAAAA	-----	-----	TGATTA	----	AGTA	----
drosophila_gunungcola_gca025200985vlrs/1-8123	T	ACGA	G	ATGA	-----	AAAAA	-----	-----	GGATTA	----	AGTA	----
drosophila_rhopaloea_gca018152115vlrs/1-8123	T	ATGA	G	ATGA	-----	AAAA	-----	-----	-GATTA	----	AGTA	----
drosophila_ficusphila_gca018152265vlrs/1-8123	T	ACGA	G	ATGA	-----	AAAGA	-----	-----	GGATTA	----	AGTA	----
drosophila_kikkawai_gca018152535vlrs/1-8123	A	ATGG	T	ATA	-----	AGTAA	-----	-----	ATATTA	----	ATGA	----
drosophila_ananassae_gca017639315v2rs/1-8123	T	ACGA	G	ATG	-----	GAAAT	-----	-----	GAATTA	----	AGTA	----
drosophila_bipectinata_gca000236285v2rs/1-8123	G	ACAA	G	ATG	-----A	AGAAAT	-----	-----	GAATTA	----	AGTA	----
drosophila_guanche_gca900245975vlrs/1-8123	A	CGAAGA	ATC	-----	GAATC	-----	-----	-----	GAATCG	----	ATGA	----
drosophila_subobscura_gca008121235vlrs/1-8123	A	CGAAGA	ATC	-----	GAATC	-----	-----	-----	GAATCG	----	AAAA	----
drosophila_obscura_gca018151105vlrs/1-8123	A	CGAAGA	A	-----	GAATC	-----	-----	-----	GAATCG	----	AAGA	----
drosophila_miranda_gca003369915v2rs/1-8123	A	CGATGA	ATC	-----	GAATC	-----	-----	-----	GAATCG	----	AAGA	----
drosophila_persimilis_gca003286085v2rs/1-8123	A	CGATGA	ATC	-----	GAATC	-----	-----	-----	GAATCG	----	AAGA	----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	A	CGATGA	ATC	-----	GAATC	-----	-----	-----	GAATCG	----	AAGA	----
drosophila_willistoni_gca018902025v2rs/1-8123	A	ACGA	A	AAC	-----	ACTAC	-----	-----	AAGTTA	----	AATATTAA	----
drosophila_albomicans_gca009650485v2rs/1-8123	-----	CGGA	A	AAC	-----	CACAA	-----	-----	AAAATA	----	TGAA	----
drosophila_innubila_gca004354385vlrs/1-8123	-----	CGGA	A	ACC	AC	A	ACATAA	-----	AAATTAATGA	TTTAAA	----	A
drosophila_arizonae_gca001654025vlrs/1-8123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
drosophila_mojavensis_gca018153725vlrs/1-8123	-----	-----	TCATAA	A	A	-----	-----	-----	AGAAAA	-----	ACAT	A
drosophila_navajoa_gca001654015v2rs/1-8123	-----	-----	GCATAA	A	A	-----	-----	-----	AGAAAA	-----	ACAT	A
drosophila_hydei_gca003285905v2rs/1-8123	-----	-----	-----	A	-----	-----	-----	-----	TGGAAA	-----	ACAT	A
drosophila_virilis_gca003285735v2rs/1-8123	-----	-----	-----	-----	TCA	-----	-----	-----	AGAATA	-----	CAAA	A
drosophila_grimshawi_gca018153295vlrs/1-8123	-----	CAAG	A	ACC	-----	AGAAA	GAA	AAAA	CGAATA	TTAAAA	CTAT	AAAA
drosophila_busckii_gca011750605vlrs/1-8123	TA	CAAA	A	ATT	-----	GAAAT	-----	-----	ACAACA	-----	AAAA	CGAA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....								

drosophila_melanogaster/1-8123	A-ATA-----	TGA-----	GAA-----	A-AC-CCCAA--	AAC-----
drosophila_mauritiana_gca004382145vlrs/1-8123	A-ATA-----	TGA-----	GAA-----	A-AC-CCCAA--	AAC-----
drosophila_simulans_gca016746395v2rs/1-8123	A-ATA-----	TGA-----	GAA-----	A-AC-CCCAA--	AAC-----
drosophila_sechellia_gca004382195v2rs/1-8123	A-ATA-----	TGA-----	GAA-----	A-AC-CCCAA--	AAC-----
drosophila_erecta_gca003286155v2rs/1-8123	A-ATA-----	TGAGAA-----	AAA-----	A-AA-CCCAA--	AAC-----
drosophila_santomea_gca016746245v2rs/1-8123	A-ATA-----	TGAGAA-----	AAAA-----	A-AA-CCCAA--	AAC-----
drosophila_yakuba_gca016746365v2rs/1-8123	A-ATA-----	TGAGAA-----	AAAA-----	A-AA-CCCAA--	AAC-----
drosophila_teissieri_gca016746235v2rs/1-8123	A-ATA-----	TGAGAA-----	AAAA-----	A-AAA-CCCAA--	AAC-----
drosophila_eugracilis_gca018153835vlrs/1-8123	A-ATATATAT-AAAAA-----	GAATTAA-----	GAA-----	A-AC-CCCAA--	AAC-----
drosophila_biarmipes_gca025231255vlrs/1-8123	A-ATA-----	TGA-----	AAG-----	A-CAC-TCCAA--	AAC-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	A-ATA-----	TGA-----	GAA-----	A-CAC-TCCAA--	AAC-----
drosophila_suzukii_gca013340165vlrs/1-8123	A-ATA-----	TGA-----	AAA-----	A-CAC-TCCAA--	AAC-----
drosophila_takahashii_gca018152695vlrs/1-8123	A-ATA-----	TGG-----	GAA-----	A-AC-TCCAA--	AAC-----
drosophila_elegans_gca000224195v2rs/1-8123	A-ATA-----	TGG-----	AA-----	A-AA-CCCAA--	AAC-----
drosophila_gunungcola_gca025200985vlrs/1-8123	A-ATA-----	TGG-----	AA-----	A-AA-CCCAA--	AAC-----
drosophila_rhopaloea_gca018152115vlrs/1-8123	A-ATA-----	TGG-----	AA-----	A-AC-CCCAA--	AAC-----
drosophila_ficusphila_gca018152265vlrs/1-8123	A-ATA-----	TGA-----	AA-----	A-AC-CCCAA--	AAC-----
drosophila_kikkawai_gca018152535vlrs/1-8123	A-----	A-----	AA-----	A-CA-CCCAA--	AAC-----
drosophila_ananassae_gca017639315v2rs/1-8123	A-ATA-----	TGA-----	AAATCG-----	A-AA-TCCAA--	AAC-----
drosophila_bipectinata_gca000236285v2rs/1-8123	A-ATA-----	TGA-----	AAATCG-----	A-AA-TCCAA--	AAC-----
drosophila_guanche_gca900245975vlrs/1-8123	T-CCC-----	CAA-----	AAA-CA-AAA-CA-----	A-AA-ACAAA--	AAC-----
drosophila_subobscura_gca008121235vlrs/1-8123	T-CCC-----	CAA-----	AAA-----	A-AA-ACAAA--	AAC-----
drosophila_obscura_gca018151105vlrs/1-8123	T-CCC-----	CAA-----	AAA-----	A-AA-ACAAA--	ACC-----
drosophila_miranda_gca003369915v2rs/1-8123	T-CCC-----	CAA-----	AAAAAT-----	A-AA-AAACA--	ACC-----
drosophila_persimilis_gca003286085v2rs/1-8123	T-CCC-----	CAA-----	AAAAAT-----	A-AA-AAACA--	ACC-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TCCCC-----	CAA-----	AAAAAT-----	A-AA-AAACA--	ACC-----
drosophila_willistoni_gca018902025v2rs/1-8123	A-ATA-----	TAA-----	CAA-----	A-AA-AAGAA--	AAA-----
drosophila_albomicans_gca009650485v2rs/1-8123	A-ACA-----	ACA-AC-----	AAA-TA-----	A-AA-ATTCA--	AATACAA
drosophila_innubila_gca004354385vlrs/1-8123	A-TTA-----	AAA-TT-----	AAATTGCA-AAAATAAACG-----	A-AA-AAGAA--	AATACAA
drosophila_arizonae_gca001654025vlrs/1-8123	.....	.....	.....	.....	.....
drosophila_mojavensis_gca018153725vlrs/1-8123	A-ATT-----	AAA-----	.....	A-T-A-----	AAC-----
drosophila_navajoa_gca001654015v2rs/1-8123	A-ATT-----	AAA-----	.....	A-T-A-----	AAC-----
drosophila_hydei_gca003285905v2rs/1-8123	A-ATG-----	AAA-----	.....	A-T-A-----	AAC-----
drosophila_virilis_gca003285735v2rs/1-8123	A-AGT-----	AAA-TG-----	AGA-----	A-T-G-AA-AAGCA--	AAC-----
drosophila_grimshawi_gca018153295vlrs/1-8123	A-AAA-----	ACA-AT-----	ATA-----	A-AA-AA-CC-----	AAC-----
drosophila_busckii_gca011750605vlrs/1-8123	A-ACG-----	AAA-----	ACA-----	A-A-AAAAAT-ACCAAC-----	.....
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....	.....

Species	Gene	Position	Sequence	Conservation	Annotation
drosophila_melanogaster	gca004382145v1rs/1-8123	1-8123	AG-AG	AA-ATCATT	AAA-AAT
drosophila_mauritiana	gca004382145v1rs/1-8123	1-8123	AG-CG	AA-ATCATT	AAA-AAT
drosophila_simulans	gca016746395v2rs/1-8123	1-8123	AG-CG	AA-ATCATT	AAA-AAT
drosophila_sechellia	gca004382195v2rs/1-8123	1-8123	AG-CG	AA-ATCATT	AAA-AAT
drosophila_erecta	gca003286155v2rs/1-8123	1-8123	AG-AA	AA-ATCAT	AAA-AAT
drosophila_santomea	gca016746245v2rs/1-8123	1-8123	AG-AA	AA-ATCAT	AAA-AAT
drosophila_yakuba	gca016746365v2rs/1-8123	1-8123	AG-AA	AA-ATCAT	AAA-AAT
drosophila_teissieri	gca016746235v2rs/1-8123	1-8123	AG-A	AA-ATCAT	AAA-AAT
drosophila_eugracilis	gca018153835v1rs/1-8123	1-8123	AG-TA	AA-CCATA	AAA-AAT
drosophila_biarmipes	gca025231255v1rs/1-8123	1-8123	AG-AA	AA-AC-AG	AAA-AAT
drosophila_subpulchrella	gca014743375v2rs/1-8123	1-8123	AG-AA	AA-TC-AG	AAA-AAT
drosophila_suzukii	gca013340165v1rs/1-8123	1-8123	AG-AA	AAATC-AG	AAA-AAT
drosophila_takahashii	gca018152695v1rs/1-8123	1-8123	AG-AA	AA-ACGAT	ATAAAAA
drosophila_elegans	gca000224195v2rs/1-8123	1-8123	AG-AA	AA-ATCAT	AAA-AAT
drosophila_gunungcola	gca025200985v1rs/1-8123	1-8123	AGAAAA	AA-ATCAT	AAAA-AAT
drosophila_rhopaloea	gca018152115v1rs/1-8123	1-8123	AG-AA	AA-ATCAT	AAA-AAT
drosophila_ficusphila	gca018152265v1rs/1-8123	1-8123	AG-A	AA-ATCAT	AAA-AAT
drosophila_kikkawai	gca018152535v1rs/1-8123	1-8123	CG-A	GA-AA-ATCAT	GAA-AAA
drosophila_ananassae	gca017639315v2rs/1-8123	1-8123	AA-A	AA-ATCAT	AAA-AAT
drosophila_bipectinata	gca000236285v2rs/1-8123	1-8123	AA-A	AA-TCAT	AAA-AAT
drosophila_guanche	gca900245975v1rs/1-8123	1-8123	AC-A	AAACA-AA-CCTTT	GAA-AA
drosophila_subobscura	gca008121235v1rs/1-8123	1-8123	AC-A	AAACA-AA-CCTTT	GAA-AA
drosophila_obscura	gca018151105v1rs/1-8123	1-8123	AC-A	AAACA-AA-CCTTT	GAA-AA
drosophila_miranda	gca003369915v2rs/1-8123	1-8123	AA-A	AA-AA-CTTTG	AAA-AA
drosophila_persimilis	gca003286085v2rs/1-8123	1-8123	AA-A	AA-AA-CCCTTTG	AAA-AA
drosophila_pseudoobscura	gca009870125v2rs/1-8123	1-8123	AA-A	AA-AA-CTTTG	AAA-AA
drosophila_willistoni	gca018902025v2rs/1-8123	1-8123	GCCAA-C	AA-CA-ACAAC	AAC-AA
drosophila_albomicans	gca009650485v2rs/1-8123	1-8123		TATT	ACAAGAA-A-AAAAATGA
drosophila_innubila	gca004354385v1rs/1-8123	1-8123		TATT	AAAAGAA-A-AAAA-A
drosophila_arizonae	gca001654025v1rs/1-8123	1-8123			
drosophila_mojavensis	gca018153725v1rs/1-8123	1-8123	AAACAG-C	AAAAAATA-AA-AAATA	CAA-AAA-CATA
drosophila_navajoa	gca001654015v2rs/1-8123	1-8123	AAACCG-C	AA-AA-AAATA	CAA-AAA-TATA
drosophila_hydei	gca003285905v2rs/1-8123	1-8123	AAACAG-A	AA-AA-AAATA	CAA-AAAATCATA
drosophila_virilis	gca003285735v2rs/1-8123	1-8123	AAACAA-A	TA-CAATT	AAAAGAA-ATAATATGG
drosophila_grimshawi	gca018153295v1rs/1-8123	1-8123	-GACAA-A	AC-AA-AAACA	CAAAACAT-TTAAAAAT-A
drosophila_busckii	gca011750605v1rs/1-8123	1-8123	ACACAC-A	CG-AA-TTATT	AAA-T-A-AAAA-AA
bactrocera_neohumeralis	gca024586455v2rs/1-8123	1-8123			
coremacera_marginata	gca914767935v1/1-8123	1-8123			
myopha_tessellatipennis	gca943737955v1/1-8123	1-8123			
machimus atricapillus	gca933228815v1/1-8123	1-8123			

drosophila_melanogaster/1-8123	GCG---AAAA	A--AA--A	--AT----	-----AA--	-----ACAACA	T-----
drosophila_mauritiana_gca004382145vlrs/1-8123	GCG---AAAA	A--AA--A	--AT----	-----AA--	-----ACAACA	T-----
drosophila_simulans_gca016746395v2rs/1-8123	GCG---AAAA	A--AA--A	--AT----	-----AA--	-----ACAACA	T-----
drosophila_sechellia_gca004382195v2rs/1-8123	GCG---AAAA	A--AA--A	--AAT---	-----AA--	-----ACAACA	C-----
drosophila_erecta_gca003286155v2rs/1-8123	GCG---AAAA	A--AA--	-----	-----AA--	-----ACAACA	T-----
drosophila_santomea_gca016746245v2rs/1-8123	GCG---AAAA	A--AA--T	--TT----	-----AA--	-----ACAACA	T-----
drosophila_yakuba_gca016746365v2rs/1-8123	GCG---AAAA	A--AA--A	--TT----	-----AA--	-----ACAACA	T-----
drosophila_teissieri_gca016746235v2rs/1-8123	GCG---AAAA	A--AA--A	--GT----	-----AA--	-----ACAACA	T-----
drosophila_eugracilis_gca018153835vlrs/1-8123	GAGAGTAAAA	A--AA--A	--GT----	-----AA--	-----AGAACA	T-----
drosophila_biarmipes_gca025231255vlrs/1-8123	CCG---AAAA	A--AA--A	-GA-T---	-----AA--	-----ACAACA	T-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	CCG---AAAA	A--AA--A	-ACA-T---	-----AA--	-----ACAACA	T-----
drosophila_suzukii_gca013340165vlrs/1-8123	CCG---AAAA	A--AA--A	-CA-T---	-----AA--	-----ACAACA	T-----
drosophila_takahashii_gca018152695vlrs/1-8123	CGG---AAAA	A--AA--A	--T-----	-----AA--	-----ACAACA	T-----
drosophila_elegans_gca000224195v2rs/1-8123	CAG---AAAA	A--A----	--T-----	-----AA--	-----ACAACA	T-----
drosophila_gunungcola_gca025200985vlrs/1-8123	CAG---AAAA	A--A----	--T-----	-----AA--	-----ACAACA	T-----
drosophila_rhopaloea_gca018152115vlrs/1-8123	CAG---AAAA	A--AA--	--T-----	-----AA--	-----ACAACA	T-----
drosophila_ficusphila_gca018152265vlrs/1-8123	CAG---CAAAA	A--AA--A	--A-----	-----GA--	-----ATAACA	T-----
drosophila_kikkawai_gca018152535vlrs/1-8123	-----AAAA	A--AA--T	--C-----	-----CA--	-----ACAACA	T-----
drosophila_ananassae_gca017639315v2rs/1-8123	-----AAAA	AACACA--	--A-----	-----AACAA A	-----ACCACA	T-----
drosophila_bipectinata_gca000236285v2rs/1-8123	-----AAAA	A--CA--A	--A-----	-----AA--	-----ACCACA	T-----
drosophila_guanche_gca900245975vlrs/1-8123	-----AATA	A--ATCAA	--C-----	-----AA--	-----CAAACA	T-----
drosophila_subobscura_gca008121235vlrs/1-8123	-----AATA	A--TTCAA	--C-----	-----AA--	-----CAAACA	T-----
drosophila_obscura_gca018151105vlrs/1-8123	-----AATA	A--AT--A	--C-----	-----AA--	-----CAAACA	T-----
drosophila_miranda_gca003369915v2rs/1-8123	-----AATA	A--AT--A	--C-----	-----AA--	-----CAAACA	T-----
drosophila_persimilis_gca003286085v2rs/1-8123	-----AATA	A--AT--A	--C-----	-----AA--	-----CAAACA	T-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	-----AATA	A--AT--A	--C-----	-----AA--	-----CAAACA	T-----
drosophila_willistoni_gca018902025v2rs/1-8123	-----ACAA	A--AC--G	--C-----	-----AT--	-----AATATA	A-----
drosophila_albomicans_gca009650485v2rs/1-8123	-----CAAA	A--AA--A	--A-----	-----AA--	-----AACAAA	T-----
drosophila_innubila_gca004354385vlrs/1-8123	-----AAAA	A--AG--G	--C-----	-----AA--	-----AAAATA	T-----
drosophila_arizonae_gca001654025vlrs/1-8123	.....	.....	.....	.....	.....	.....
drosophila_mojavensis_gca018153725vlrs/1-8123	-----TATA	T--AT--A	--AAATAT	AATATA--	-----ATAA	T-----
drosophila_navajoa_gca001654015v2rs/1-8123	-----TATA	T--AT--A	--A-----	-----A--	-----ATAA	T-----
drosophila_hydei_gca003285905v2rs/1-8123	-----TATA	T--AT--A	--T-----	-----A-CAT	ATATATATAA	TTTTA-ATAA A
drosophila_virililis_gca003285735v2rs/1-8123	-----AACCA	A--AA--A	--A-----	-----AA--	-----ATAAAA	CAAAACCTAA
drosophila_grimshawi_gca018153295vlrs/1-8123	-----TATA	A--AT--G	--A-----	-----A--	-----	-----
drosophila_busckii_gca011750605vlrs/1-8123	-----ACTT	T--AA--T	--G-----	-----AA--	-----AATAAA	C-----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....	.....	.....	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....	.....	.....	.....	.....

[illegible]

drosophila_melanogaster/1-8123	AGCAAAAG--G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-AA---
drosophila_mauritiana_gca004382145vlrs/1-8123	AGCAAAAG--G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-AA---
drosophila_simulans_gca016746395v2rs/1-8123	AGCAAAAG--G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-AA---
drosophila_sechellia_gca004382195v2rs/1-8123	AGCAAAAG--G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-AA---
drosophila_erecta_gca003286155v2rs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C G-AA-AA---
drosophila_santomea_gca016746245v2rs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C G-AA-AA---
drosophila_yakuba_gca016746365v2rs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C G-AA-AA---
drosophila_teissieri_gca016746235v2rs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C G-AA-AA---
drosophila_eugracilis_gca018153835vlrs/1-8123	AAAAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---T C-GA-AT-
drosophila_biarmipes_gca025231255vlrs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-CA--
drosophila_subpulchrella_gca014743375v2rs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-CA--
drosophila_suzukii_gca013340165vlrs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAT-A---C A-AA-CA--
drosophila_takahashii_gca018152695vlrs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-CA--
drosophila_elegans_gca000224195v2rs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-CA--
drosophila_gunungcola_gca025200985vlrs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-CA--
drosophila_rhopaloea_gca018152115vlrs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---C A-AA-CA--
drosophila_ficusphila_gca018152265vlrs/1-8123	AGCAA--G-G-----	-AAAT-CG A-----ATGG AAA-A---T AAAAA-CA--
drosophila_kikkawai_gca018152535vlrs/1-8123	AGCCA--A-G-----	-GAAA-CG A-----ATGG TAA-A---A ACCAA-CAAC
drosophila_ananassae_gca017639315v2rs/1-8123	AGCAA--G-G-----	-AAT-CG A-----ATGG AAA-A---C -A-AA-CA--
drosophila_bipectinata_gca000236285v2rs/1-8123	AGCAA--G-G-----	-AAT-CG A-----ATGG AAA-A---C -A-AA-CA--
drosophila_guanche_gca900245975vlrs/1-8123	AGCAA--GAA AA-----	-AAAA----- AA-CA--
drosophila_subobscura_gca008121235vlrs/1-8123	AGCAA--GAA AA-----	-AAAA----- CC-CA--
drosophila_obscura_gca018151105vlrs/1-8123	AGCAA--G-A-----	-AAC----- CC-CA--
drosophila_miranda_gca003369915v2rs/1-8123	AGCAA--G-A-----	-AAC----- CC-CA--
drosophila_persimilis_gca003286085v2rs/1-8123	AGCAA--G-A-----	-AAC----- CC-CA--
drosophila_pseudoobscura_gca009870125v2rs/1-8123	AGCAA--G-A-----	-AAC----- CC-CA--
drosophila_willistoni_gca018902025v2rs/1-8123	AACAA--A-C-----	-ACACACACA T-----ACAC AGACA---C -A-CA-AA--
drosophila_albomicans_gca009650485v2rs/1-8123	AGCAA--A-----	-CACACACA A---ACACAC ACCAA---T -A-CA-CA--
drosophila_innubila_gca004354385vlrs/1-8123	AGCAA--A-----TCGAATATA TA----TAAA	CACACACACA C---CTATAC ACAAA---C -A-CA-CA--
drosophila_arizonae_gca001654025vlrs/1-8123	.....	.....
drosophila_mojavensis_gca018153725vlrs/1-8123	AGAAA--AC-T-----	-CCAATACAC ACACA---C -A-CA-----
drosophila_navajoa_gca001654015v2rs/1-8123	AGCAA--AC-T-----	-CCAATACAC ACACA---C -A-CACACAC-
drosophila_hydei_gca003285905v2rs/1-8123	AGCAA--AA-T-----	-CCAATACAC ACACA---C -A-CA-AC--
drosophila_virilidis_gca003285735v2rs/1-8123	AGCAA--A--TCGAAAATA CA----CACA	CCTACACACA A---CCACAC ACACA---C -A-CA-CCCT
drosophila_grimshawi_gca018153295vlrs/1-8123	AGCAA--A--TCGAAAATA CACTCACA	CATACACACA A---CCACAC ACACAAACAC -A-TA-CA--
drosophila_busckii_gca011750605vlrs/1-8123	AGCAA--A-T-----	-ACACACACA A-----ACAC ACACA---C -A-CA-CA--
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....	.....
machimus_atricapillus_gca933228815v1/1-8123	.....	.....

drosophila_melanogaster/1-8123	TAC	A	TT				AAAA	C	AAAA			GG
drosophila_mauritiana_gca004382145v1rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_simulans_gca016746395v2rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_sechellia_gca004382195v2rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_erecta_gca003286155v2rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_santomea_gca016746245v2rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_yakuba_gca016746365v2rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_teissieri_gca016746235v2rs/1-8123	TAC	A	TT				AAA	...	AAA			GG
drosophila_eugracilis_gca018153835v1rs/1-8123	TAC	A	TT	AAAAAAAC	AAAAACAACA	ACAAAAAAC	AAA	...	AAA			GG
drosophila_biarmipes_gca025231255v1rs/1-8123	TAC	A	TT				A	...	AAA			GG
drosophila_subpulchrella_gca014743375v2rs/1-8123	TAC	A	TT				A	...	AAA			GG
drosophila_suzukii_gca013340165v1rs/1-8123	TAC	A	TT				A	...	AAA			GG
drosophila_takahashii_gca018152695v1rs/1-8123	TAC	A	TT				A	...	TAA	...	AAA	GG
drosophila_elegans_gca000224195v2rs/1-8123	TAC	A	TT				A	...	AAA			AG
drosophila_gunungcola_gca025200985v1rs/1-8123	TAC	A	TT				A	...	AAA			AG
drosophila_rhopaloea_gca018152115v1rs/1-8123	TAC	A	TT				A	...	AAA			GG
drosophila_ficusphila_gca018152265v1rs/1-8123	TAC	A	TT				A	...	AAA	...	AAC	GG
drosophila_kikkawai_gca018152535v1rs/1-8123	TAC	A	TT				AA	...	AAA	...	AAAAA	CGAAACATGG
drosophila_ananassae_gca017639315v2rs/1-8123	TAC	A	TT				AA	...	AAA	...	GAA	GG
drosophila_bipectinata_gca000236285v2rs/1-8123	TAC	A	TT				AA	...	AAA	...	GAA	GG
drosophila_guanche_gca900245975v1rs/1-8123	TAC	A	TT				CCAAAAACA	...	AAA			AG
drosophila_subobscura_gca008121235v1rs/1-8123	TAC	A	TT				CCAAAAATG	...	AAA			AG
drosophila_obscura_gca018151105v1rs/1-8123	TAC	A	TT				CCAAAAAG	...	AAA			AG
drosophila_miranda_gca003369915v2rs/1-8123	TAC	A	TT				CCAAAAAG	...	AAA			AG
drosophila_persimilis_gca003286085v2rs/1-8123	TAC	A	TT				CCAAAAAG	...	AAA			AG
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TAC	A	TT				CCAAAAAG	...	AAA			AG
drosophila_willistoni_gca018902025v2rs/1-8123	TAACCATATA	TA					TA	TAT	...	TAT		AT
drosophila_albomicans_gca009650485v2rs/1-8123	TAC	A	TT				AA	...	AAA			
drosophila_innubila_gca004354385v1rs/1-8123	TAA	A	TT				TA	...	AAA	...	AA	
drosophila_arizonae_gca001654025v1rs/1-8123	.....						.....
drosophila_mojavensis_gca018153725v1rs/1-8123	TAC	A	TT				AA	...	AAA	...	AA	
drosophila_navajoa_gca001654015v2rs/1-8123	TAC	A	TT				AA	...	AAA	...	AA	
drosophila_hydei_gca003285905v2rs/1-8123	TAA	A	TT				AA	...	AAA	...	AA	
drosophila_virilis_gca003285735v2rs/1-8123	TAA	A	TT				TG	...	AAA	...	AA	
drosophila_grimshawi_gca018153295v1rs/1-8123	TAC	A	TT				TG	...	AAA	...	AA	
drosophila_busckii_gca011750605v1rs/1-8123	TAC	A	TT				GA	...	AGA	...	AAC	AA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....						.....
coremacera_marginata_gca914767935v1/1-8123	.....						.....
myopa_tessellatipennis_gca943737955v1/1-8123	.....						.....
machimus_atricapillus_gca933228815v1/1-8123	.....						.....

[illegible]

Species	Accession	Position	Sequence	Reference	Conservation	Annotations
<i>drosophila_melanogaster</i>	gca004382145v1rs/1-8123	1	AACTTTT	A	-----T	ATATTATAG
<i>drosophila_mauritiana</i>	gca004382145v1rs/1-8123	1	AACTTTT	A	-----T	ATATTATAG
<i>drosophila_simulans</i>	gca016746395v2rs/1-8123	1	AACTTTT	A	-----T	ATATTATAG
<i>drosophila_sechellia</i>	gca004382195v2rs/1-8123	1	AACTTTT	A	-----T	ATATTATAG
<i>drosophila_erecta</i>	gca003286155v2rs/1-8123	1	AACTTTT	A	-----T	ATTTTAG
<i>drosophila_santomea</i>	gca016746245v2rs/1-8123	1	AACTTTT	A	-----T	ATTTTAG
<i>drosophila_yakuba</i>	gca016746365v2rs/1-8123	1	AACTTTT	C	-----T	ATTTTAG
<i>drosophila_teissieri</i>	gca016746235v2rs/1-8123	1	AACTTTT	A	-----T	ATTTTAG
<i>drosophila_eugracilis</i>	gca018153835v1rs/1-8123	1	AATTTTT	A	-----T	ATCTAG
<i>drosophila_biarmipes</i>	gca025231255v1rs/1-8123	1	ATCTTTT	A	-----T	GA-TGTAG
<i>drosophila_subpulchrella</i>	gca014743375v2rs/1-8123	1	ATCTTTT	A	-----T	AA-TATAG
<i>drosophila_suzukii</i>	gca013340165v1rs/1-8123	1	ATCTTTT	A	-----T	AA-TATAG
<i>drosophila_takahashii</i>	gca018152695v1rs/1-8123	1	AACTTTT	A	-----T	GA-CATAG
<i>drosophila_elegans</i>	gca000224195v2rs/1-8123	1	ATCTTTT	A	-----T	ATTTAAG
<i>drosophila_gunungcola</i>	gca025200985v1rs/1-8123	1	ATCTTTT	A	-----T	ATTTAAG
<i>drosophila_rhopaloea</i>	gca018152115v1rs/1-8123	1	ATCTTTT	A	-----T	ATTTAAG
<i>drosophila_ficusphila</i>	gca018152265v1rs/1-8123	1	AATTTTT	A	-----T	ATCTAG
<i>drosophila_kikkawai</i>	gca018152535v1rs/1-8123	1	AACTTTT	AT	A-----T	ATACATTT
<i>drosophila_ananassae</i>	gca017639315v2rs/1-8123	1	AACCAT	TT	ATTCTAGACT	CTAGGTTCTA
<i>drosophila_bipectinata</i>	gca000236285v2rs/1-8123	1	AACCTT	AT	ATTCTAGAAT	ATACGATCTA
<i>drosophila_guanche</i>	gca900245975v1rs/1-8123	1	AAC	---	TTT	TTTAG
<i>drosophila_subobscura</i>	gca008121235v1rs/1-8123	1	AAC	---	TTT	TTTAG
<i>drosophila_obscura</i>	gca018151105v1rs/1-8123	1	AAC	---	TTT	TTTAG
<i>drosophila_miranda</i>	gca003369915v2rs/1-8123	1	AAC	---	TTT	TTTAG
<i>drosophila_persimilis</i>	gca003286085v2rs/1-8123	1	AAC	---	TTT	TTTAG
<i>drosophila_pseudoobscura</i>	gca009870125v2rs/1-8123	1	AAC	---	TTT	TTTAG
<i>drosophila_willistoni</i>	gca018902025v2rs/1-8123	1	AAT-AA	A	---	AAAGA
<i>drosophila_albomicans</i>	gca009650485v2rs/1-8123	1	AAT-AC	A	---	AATAT
<i>drosophila_innubila</i>	gca004354385v1rs/1-8123	1	AAT-TA	A	---	AATAC
<i>drosophila_arizonae</i>	gca001654025v1rs/1-8123	1	AA-AA	A	---	TAT
<i>drosophila_mojavensis</i>	gca018153725v1rs/1-8123	1	AA-AA	A	---	ATTAT
<i>drosophila_navajoa</i>	gca001654015v2rs/1-8123	1	AAA-AA	A	---	AACAT
<i>drosophila_hydei</i>	gca003285905v2rs/1-8123	1	AAT-AG	A	---	AATAA
<i>drosophila_virilis</i>	gca003285735v2rs/1-8123	1	AAT-TA	A	---	AATACAAAAA
<i>drosophila_grimshawi</i>	gca018153295v1rs/1-8123	1	AAT-TATAA	---	---	GAAT
<i>drosophila_busckii</i>	gca011750605v1rs/1-8123	1	AAT-TA	A	---	GGAAA
<i>bactrocera_neohumeralis</i>	gca024586455v2rs/1-8123	1	.....	.....	.....	.....
<i>coremacera_marginata</i>	gca914767935v1/1-8123	1	.....	.....	.....	.....
<i>myopa_tessellatipennis</i>	gca943737955v1/1-8123	1	.....	.....	.....	.....
<i>machimus atricapillus</i>	gca933228815v1/1-8123	1	.....	.....	.....	.....

drosophila_melanogaster/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_mauritiana_gca004382145vlrs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_simulans_gca016746395v2rs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_sechellia_gca004382195v2rs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_erecta_gca003286155v2rs/1-8123	AATT	ATA TAGA CG T ACAT ATT ATATGCAA
drosophila_santomea_gca016746245v2rs/1-8123	AATT	ATA TAGA CG T ACAT ATATAC AAGTATGCAA
drosophila_yakuba_gca016746365v2rs/1-8123	AATT	ATA TAGA CG T ACAT ATATAC AAGTATGCAA
drosophila_teissieri_gca016746235v2rs/1-8123	AATT	ATA TAGA CG T ACAT ATATAC AAGTATGCAA
drosophila_eugracilis_gca018153835vlrs/1-8123	GATT	ATACTACAATA TA TAATAT AT ATATGCCA
drosophila_biarmipes_gca025231255vlrs/1-8123	AATT	ATA TAGC CG T ACAT AT ATATGCAA
drosophila_subpulchrella_gca014743375v2rs/1-8123	AATT	ATA TAGC CG T ACAT AT ATATGCAA
drosophila_suzukii_gca013340165vlrs/1-8123	AATT	ATA TAGC CG T ACAT AT ATATGCAA
drosophila_takahashii_gca018152695vlrs/1-8123	AATT	ATA TAGC CG T ACAT AT ATATGCAA
drosophila_elegans_gca000224195v2rs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_gunungcola_gca025200985vlrs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_rhopaloea_gca018152115vlrs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_ficusphila_gca018152265vlrs/1-8123	AATT	ATA TAGA CG T ACAT AT ATATGCAA
drosophila_kikkawai_gca018152535vlrs/1-8123	AATT	ATA TATA CA C AAAACC ACACACAC ACACAT ATATGCAG
drosophila_ananassae_gca017639315v2rs/1-8123	AATT	ATA TATA CA C ACACAC ACATACAAAA ATGGAA AAATGGAG
drosophila_bipectinata_gca000236285v2rs/1-8123	AATT	ATA TATA CA C TCACACAG ACACACAGAA ATGGAA AAATGGAG
drosophila_guanche_gca900245975vlrs/1-8123	AATT	ATA TATATA TA T ATAT CGTACAGAT AGATAT ATATGCTA
drosophila_subobscura_gca008121235vlrs/1-8123	AATT	ATA TATATATATA T ATAT CGTACAGAT AGATAT ATATGCTA
drosophila_obscura_gca018151105vlrs/1-8123	AATT	ATA TATATA TA A ATAT CGTACAGAT AGATAT ATATGCTA
drosophila_miranda_gca003369915v2rs/1-8123	AATT	ATA AAT TA T ATAT CGTACAGAT AGATAT ATATGCTA
drosophila_persimilis_gca003286085v2rs/1-8123	AATT	ATA AAT TA T ATAT CGTACAGAT AGATAT ATATGCTA
drosophila_pseudoobscura_gca009870125v2rs/1-8123	AATT	ATA AAT TA T ATAT CGTACAGAT AGATAT ATATGCTA
drosophila_willistoni_gca018902025v2rs/1-8123	AAAAAAAAATT	AT GCTA
drosophila_albomicans_gca009650485v2rs/1-8123	AATT	AT GCTA
drosophila_innubila_gca004354385vlrs/1-8123	AATT	AT GCTA
drosophila_arizonae_gca001654025vlrs/1-8123	AATT	AT GCTA
drosophila_mojavensis_gca018153725vlrs/1-8123	AATT	AT GCTA
drosophila_navajoa_gca001654015v2rs/1-8123	AATT	AT GCTA
drosophila_hydei_gca003285905v2rs/1-8123	AATT	AT GCTA
drosophila_virilidis_gca003285735v2rs/1-8123	AATT	AT GCTA
drosophila_grimshawi_gca018153295vlrs/1-8123	AATT	AT GCTA
drosophila_busckii_gca011750605vlrs/1-8123	AATT	AT GATA
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....
myopa tessellateipennis_gca943737955v1/1-8123	.....	.....
machimus atricapillus_gca933228815v1/1-8123	.....	.....

drosophila_melanogaster/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_mauritiana_gca004382145vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_simulans_gca016746395v2rs/1-8123	CAGC-----A-----AA	GTCAAG-----AAA-GCG	GTGCAT-TTC
drosophila_sechellia_gca004382195v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_erecta_gca003286155v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_santomea_gca016746245v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_yakuba_gca016746365v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_teissieri_gca016746235v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_eugracilis_gca018153835vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_biarmipes_gca025231255vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_subpulchrella_gca014743375v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_suzukii_gca013340165vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_takahashii_gca018152695vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_elegans_gca000224195v2rs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TT-
drosophila_gunungcola_gca025200985vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_rhopaloea_gca018152115vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_ficusphila_gca018152265vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA-GCG	GTGCAT-TTC
drosophila_kikkawai_gca018152535vlrs/1-8123	CAGC-----A-----AA	GTCAAC-----AAA	
drosophila_ananassae_gca017639315v2rs/1-8123	GCAC-----C-----AA	GTCAAC-----AAA-GAG	GTGCTC-TTC
drosophila_bipectinata_gca000236285v2rs/1-8123	GCAC-----C-----AA	GTCAAC-----AAA-GAG	GTGCAC-TTC
drosophila_guanche_gca900245975vlrs/1-8123	TAGC-----GAACGGAA	GAAGCACCAA GTCAACAAAA AC---AAAAG	AAAAA--GCG GTGCACATTTC
drosophila_subobscura_gca008121235vlrs/1-8123	TAGC-----GAACGGAA	GAAGCACCAA GTCAACAAAA AC---AAAAG	AAAAA--GCG GTGCACATTTC
drosophila_obscura_gca018151105vlrs/1-8123	TAGC-----GAACGGAA	GAAGCACCAA GTCAACAAAA AC---AAAAG	AAAAA--GCG GTGCACATTTC
drosophila_miranda_gca003369915v2rs/1-8123	TACC-----GAACGGAA	GAAGCACCAA GTCAACAAAA AC---AAAAAG	AAAAA--GCG GTGCACATTTC
drosophila_persimilis_gca003286085v2rs/1-8123	TACC-----GAACGGAA	GAAGCACCAA GTCAACAAAA ACAAAAAAAAAAG	AAAAA--GCG GTGCACATTTC
drosophila_pseudoobscura_gca009870125v2rs/1-8123	TACC-----GAACGGAA	GAAGCACCAA GTCAACAAAA ACAAAAAAAAAAG	AAAAA--GCG GTGCACATTTC
drosophila_willistoni_gca018902025v2rs/1-8123	AAGATGAAAA CGA-AATG--	GAAGCACCAA GTCAAC-----	AAAAAGCG GT--ACATTTC
drosophila_albomicans_gca009650485v2rs/1-8123	TAAA-----ACAATG--	GATGCACCAA GTCAAC-----	AAA--GCG GT--ACATTTC
drosophila_innubila_gca004354385vlrs/1-8123	TAAA-----ACAATG--	GATGCACCAA GTCAAC-----	AAA--GCG GT--ACATTTC
drosophila_arizonae_gca001654025vlrs/1-8123	CAAC-----A AATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--AAATTTC
drosophila_mojavensis_gca018153725vlrs/1-8123	CAAC-----A AATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--AAATTTC
drosophila_navajoa_gca001654015v2rs/1-8123	CAAC-----A AATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--AAATTTC
drosophila_hydei_gca003285905v2rs/1-8123	CAAC-----A AATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--AAATTTC
drosophila_virilidis_gca003285735v2rs/1-8123	CAAC-----A AATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--GCATTTC
drosophila_grimshawi_gca018153295vlrs/1-8123	CTAC-----A TATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--ACATTTC
drosophila_busckii_gca011750605vlrs/1-8123	CAAC-----A AATG--	GAAGCACCAA GTCAAC-----	AAA--GCG GT--ACATTTC
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....	.....	.....
coremacera_marginata_gca914767935v1/1-8123	.....	.....	.....
myopa_tessellatipennis_gca943737955v1/1-8123
machimus atricapillus_gca933228815v1/1-8123

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drosophila_melanogaster/1-8123	C-ACC-----		TACACATACA	CACAC--CC	--ACA--CACC	G-A-----
drosophila_mauritiana_gca004382145vlrs/1-8123	C-ACC-----		CACACAC...AC--AC	--ACATCC--	-ACACCG-A-----
drosophila_simulans_gca016746395v2rs/1-8123	C-ACC-----		CACACAC... ..	..AC--AC	--ACACATC	-CACACCG-A-----
drosophila_sechellia_gca004382195v2rs/1-8123	C-ACC-----		CACACAC... ..	..AC--AC	--ACATCC--	-ACACCG-A-----
drosophila_erecta_gca003286155v2rs/1-8123	C-ACC-----		CACACAC... ..	..AC--AC	--ACATCC--	-ACACCG-A-----
drosophila_santomea_gca016746245v2rs/1-8123	C-ACC-----		CACAC... ..	..AC--AC	--ACATCC--	-ACACCG-A-----
drosophila_yakuba_gca016746365v2rs/1-8123	C-ACC-----		CACAC... ..	..AC--AC	--ACATCC--	-ACACCG-A-----
drosophila_teissieri_gca016746235v2rs/1-8123	C-ACC-----		CACAC... ..	..AC--AC	--ACATCC--	-ACACCG-A-----
drosophila_eugracilis_gca018153835vlrs/1-8123	C-ACC-----		CACACAC... ..	..AC--AC	--ACCTAC--	-ACACTG-A-----
drosophila_biarmipes_gca025231255vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACATCC--	-ACACAG-A-----
drosophila_subpulchrella_gca014743375v2rs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACATCC--	-ACACAG-A-----
drosophila_suzukii_gca013340165vlrs/1-8123	C-ACC-----		CA... ..	..ACGACAC	--ACATCC--	-ACACAG-A-----
drosophila_takahashii_gca018152695vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACATTTC-	-ACACAG-A-----
drosophila_elegans_gca000224195v2rs/1-8123	--CC-----		CA... ..	..AC--AC	--ACATCC--	-ACACAG-A-----
drosophila_gunungcola_gca025200985vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACATCC--	-ACACAG-A-----
drosophila_rhopaloea_gca018152115vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACATCC--	-ACACAG-A-----
drosophila_ficusphila_gca018152265vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACATCC--	-ACACAG-A-----
drosophila_kikkawai_gca018152535vlrs/1-8123	-----A----		A... ..	..AC--AC	--ACAAAC--	-ACACAG-AAAAAAC
drosophila_ananassae_gca017639315v2rs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACACAC--	-ACACAC-A-TGC-AG----
drosophila_bipectinata_gca000236285v2rs/1-8123	CCACC-----		CA... ..	..AC--AC	--ACACAC--	-ACA-----TGC-AG----
drosophila_guanche_gca900245975vlrs/1-8123	C-ACA-----		CC... ..	..AC--AC	--ACACAC--	-ACACAC-A-CAC-ACACA----
drosophila_subobscura_gca008121235vlrs/1-8123	C-ACA-----		CC... ..	..AC--AC	--ACA-----	-----CACAACACA----
drosophila_obscura_gca018151105vlrs/1-8123	C-ACA-----		CC... ..	..AC--AC	--ACACAC--	-ACACAC-A-CAC-ACACAC
drosophila_miranda_gca003369915v2rs/1-8123	C-ACC-----		CC... ..	....	
drosophila_persimilis_gca003286085v2rs/1-8123	C-ACC-----		CC... ..	..AC---		CA-----
drosophila_pseudoobscura_gca009870125v2rs/1-8123	C-ACC-----		CC... ..	..AC---		CA-----
drosophila_willistoni_gca018902025v2rs/1-8123	C-ACATACAA	CAAACACACA	CA... ..	..AC--AC	--ACA-AC--	-ACACAC-A-CAC-TC----
drosophila_albomicans_gca009650485v2rs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACACAC--	-ACACCT-A-CAC-AG----
drosophila_innubila_gca004354385vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACACAT--	-ACACCT-A-CAC-AG----
drosophila_arizonae_gca001654025vlrs/1-8123	C-ACC-----		CA... ..	.....T	CACACACAC	-ACAAAT-A-CAC-AG----
drosophila_mojavensis_gca018153725vlrs/1-8123	C-ACC-----		CA... ..	.....T	CACACACAC	-ACAAAT-A-CAC-AG----
drosophila_navjoa_gca001654015v2rs/1-8123	C-ACC-----		CA... ..	.....		---AAAT-A-CAC-AG----
drosophila_hydei_gca003285905v2rs/1-8123	C-ACC-----		CA... ..	.....T	ATACAC	-ACACAT-A-CAC-AG----
drosophila_virilidis_gca003285735v2rs/1-8123	C-ACC-----		CA... ..	..AC--AC	--AAACAC--	-ACACTTTAAA-CAC-AG----
drosophila_grimshawi_gca018153295vlrs/1-8123	C-ACC-----		CA... ..	....		---CACAT-A-CAC-AG----
drosophila_busckii_gca011750605vlrs/1-8123	C-ACC-----		CA... ..	..AC--AC	--ACACACT	TAAAAAT-A-TAC-AG----
bactrocera_neohumeralis_gca024586455v2rs/1-8123	.....				
coremacera_marginata_gca914767935v1/1-8123	.....				
myopa_tessellatipennis_gca943737955v1/1-8123					
machimus_atricapillus_gca933228815v1/1-8123					

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drosophila_melanogaster/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----AAAA	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_mauritiana_gca004382145v1rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_simulans_gca016746395v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_sechellia_gca004382195v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_erecta_gca003286155v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_santomea_gca016746245v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-GA-		
drosophila_yakuba_gca016746365v2rs/1-8123	AAAA-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-GA-		
drosophila_teissieri_gca016746235v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_eugracilis_gca018153835v1rs/1-8123	AA-A-CTCT	-----TA	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_biarmipes_gca025231255v1rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_subpulchrella_gca014743375v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_suzukii_gca013340165v1rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_takahashii_gca018152695v1rs/1-8123	-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_elegans_gca000224195v2rs/1-8123	A---CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_gunungcola_gca025200985v1rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_rhopaloea_gca018152115v1rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-A--		
drosophila_ficusphila_gca018152265v1rs/1-8123	AA-C-TCTT	-----A-----	AAAA-A-----A	-----CAAATA	AAAAAGAATA	TTATTCAG--		
drosophila_kikkawai_gca018152535v1rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAT-	AAAAAGAATA	TTATTC-GAA		
drosophila_ananassae_gca017639315v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAATGAATA	TTATTC-G--		
drosophila_bipectinata_gca000236285v2rs/1-8123	AA---CTCT	-----T-----	AAAA-A-----A	-----CAAATA	AAATGAATA	TTATTC-G--		
drosophila_guanche_gca900245975v1rs/1-8123	AA-A-CTCT	-----T-----	-A-----	-----AAATA	AAAAAGAATA	TTATTC-G--		
drosophila_subobscura_gca008121235v1rs/1-8123	AA-A-CTCT	-----T-----	-A-----	-----AAATA	AAAAAGAATA	TTATTC-G--		
drosophila_obscura_gca018151105v1rs/1-8123	AA-A-CTCT	-----T-----	AA-----	-----AAATA	AAAAAGAATA	TTATTC-G--		
drosophila_miranda_gca003369915v2rs/1-8123	AA-ACTCT	-----T-----	AA-----	-----AAATA	AAAAAGAATA	TTATTC-G--		
drosophila_persimilis_gca003286085v2rs/1-8123	AA-ACTCT	-----T-----	AA-----	-----AAATA	AAAAAGAATA	TTATTC-G--		
drosophila_pseudoobscura_gca009870125v2rs/1-8123	AA-ACTCT	-----T-----	AA-----	-----AAATA	AAAAAGAATA	TTATTC-G--		
drosophila_willistoni_gca018902025v2rs/1-8123	AA-A-CTCT	-----T-----	AAAA-C-A-----A	-----CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_albomicans_gca009650485v2rs/1-8123	AA-A-CTTA	-----A-----	AAAA-A-----A-A	AAAACAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_innubila_gca004354385v1rs/1-8123	AA-A-CTTA	-----A-----	AAAA-A-----A-A	A---CAAATA	AAAAAGAATA	TTATTC-G--		
drosophila_arizonae_gca001654025v1rs/1-8123	GA-A---AAA	CTTAAA	AAAA-A-----A-A	AAAACAAATA	AAAGAGAATA	TTATTC-G--		
drosophila_mojavensis_gca018153725v1rs/1-8123	GA-A---AA	-----ACTT	AAAA-A-----A-A	AAAACAAATA	AAAGAGAATA	TTATTC-G--		
drosophila_navjoa_gca001654015v2rs/1-8123	GA-A---AAA	CTT-A	AAAA-A-----A-A	AAAACAAATA	AAAGAGAATA	TTATTC-G--		
drosophila_hydei_gca003285905v2rs/1-8123	GA-A-AAAAA	CTT-A	AAAA-A-----A-A	AA---CAAATA	AAAGAGAATA	TTATTC-G--		
drosophila_virilis_gca003285735v2rs/1-8123	AA-A-AGAA	-----A-----	AAAACTTA	-----A-A	AAAACAAATA	AAAGAGAATA	TTATTC-G--	
drosophila_grimshawi_gca018153295v1rs/1-8123	AA-A-CTTA	-----A-----	AAAA-A-----A	-----CAAATA	AAAGAGAATA	TTATTC-G--		
drosophila_busckii_gca011750605v1rs/1-8123	TC-A-ACAA	-----A-----	AAAA-ATC	TTTAAA--A	AAACA	CAAATA	AAAAAGAATA	TTATTC-G--
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myopa_tessellatipennis_gca943737955v1/1-8123		
machimus atricapillus_gca933228815v1/1-8123		

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bactrocera_neohumeralis_gca024586455v2rs/1-8123	...
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machimus_atricapillus_gca933228815v1/1-8123	...