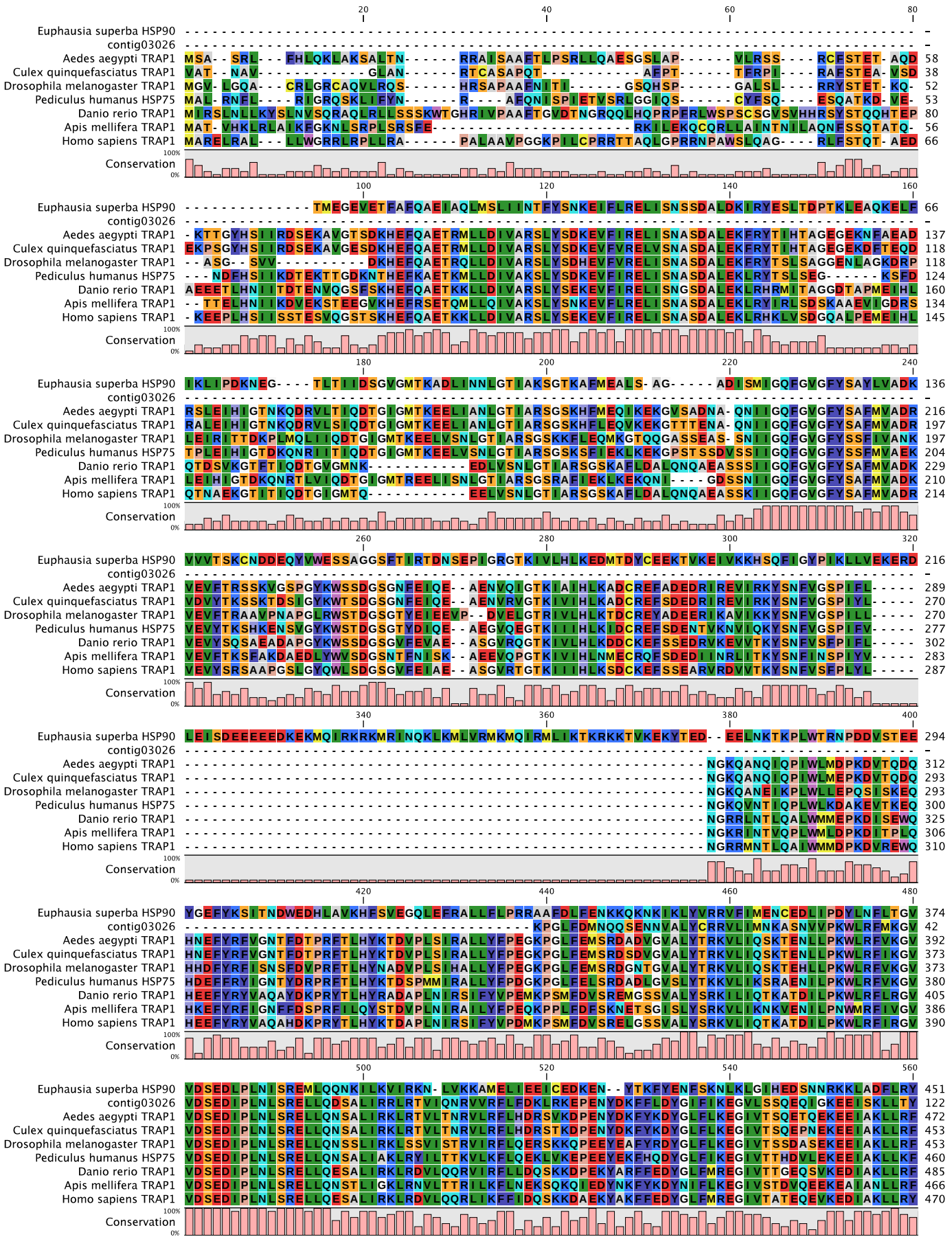
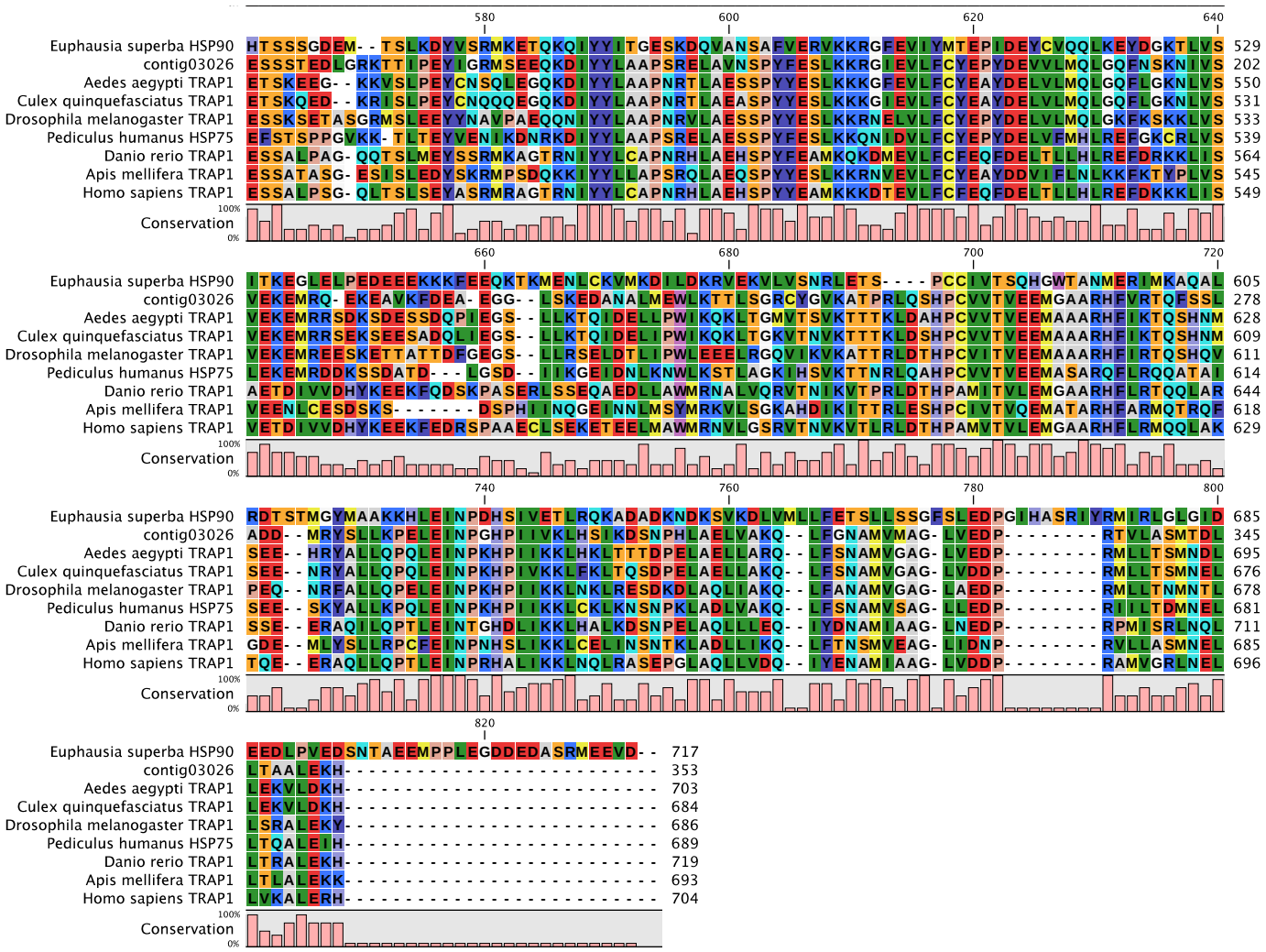

Euphausia superba HSP90
contig03026
Aedes aegypti TRAP1
Culex quinquefasciatus TRAP1
Drosophila melanogaster TRAP1
Pediculus humanus HSP75
Danio rerio TRAP1
Apis mellifera TRAP1
Homo sapiens TRAP1
Conservation
100%
0%


580 600 620 640
Euphausia superba HSP90 HTSSSGDEM--TSLKDYVSRMKETQKQIYYITGESKDQVANSAFVERVKKRGFEVIYMTEPIDEYCVQQLKEYDGKTLVS 529
contig03026 ESSSTEDLGRKTTIPEYIGRMSEEQKDIYYLAAPSRELAVNSPYFESLKKRGIEVLFCYEPYDEVVLMQLGQFNSKNIVS 202
Aedes aegypti TRAP1 ETSKEEG--KKVSLPEYCNSQLEGQKDIYYLAAPNRTLAESSPYYESLKKKGFEVLFCYEAYDELVLMQLGQFLGKNLVS 550
Culex quinquefasciatus TRAP1 ETSKQED--KRISLPEYCNQQQEGQKDIYYLAAPNRTLAEASPYYESLKKKGIEVLFCYEAYDELVLMQLGQFLGKNLVS 531
Drosophila melanogaster TRAP1 ESSKSETASGRMSLEEYYNAVPAEQQNIYYLAAPNRVLAESSPYYESLKKRNELVLFCYEPYDELVLMQLGKFKSKKLVS 533
Pediculus humanus HSP75 EFSTSPPGVKK-TLTEYVENIKDNRKDIYYLAAPSRELAESSPYFESLKKQNIDVLFCYEPYDELVFMHLREFGKCRLVS 539
Danio rerio TRAP1 ESSALPAG-QQTSLMEYSSRMKAGTRNIYYLCAPNRHLAEHSPYFEAMKQKDMEVLFCFEQFDELTLLHLREFDRKKLIS 564
Apis mellifera TRAP1 ESSATASG-ESISLEDYSKRMPSDQKKIYYLLAPSRQLAEQSPYYESLKKRNVEVLFCYEAYDDVIFLNLKKFKTYPLVS 545
Homo sapiens TRAP1 ESSALPSG-QLTSLSEYASRMRAGTRNIYYLCAPNRHLAEHSPYYEAMKKKDTEVLFCFEQFDELTLLHLREFDKKKLIS 549
100%
Conservation
0%
660 680 700 720
Euphausia superba HSP90 ITKEGLELPEDEEEKKKFEEQKTKMENLCKVMKDILDKRVEKVLVSNRLETS----PCCIVTSQHGWTANMERIMKAQAL 605
contig03026 VEKEMRQ-EKEAVKFDEA-EGG--LSKEDANALMEWLKTTLSGRCYGVKATPRLQSHPCVVTVEEMGAARHFVRTQFSSL 278
Aedes aegypti TRAP1 VEKEMRRSDKSDESSDQPIEGS--LLKTQIDELLPWIKQKLTGMVTSVKTTTKLDAHPCVVTVEEMAAARHFIKTQSHNM 628
Culex quinquefasciatus TRAP1 VEKEMRRSEKSEESADQLIEGS--LLKTQIDELIPWIKQKLTGKVTNVKTTTKLDSHPCVVTVEEMAAARHFIKTQSHNM 609
Drosophila melanogaster TRAP1 VEKEMREESKETTATTDFGEGS--LLRSELDTLIPWLEEELRGQVIKVKATTRLDTHPCVITVEEMAAARHFIRTQSHQV 611
Pediculus humanus HSP75 LEKEMRDDKSSDATD---LGSD--IIKGEIDNLKNWLKSTLAGKIHSVKTTNRLQAHPCVVTVEEMASARQFLRQQATAI 614
Danio rerio TRAP1 AETDIVVDHYKEEKFQDSKPASERLSSEQAEDLLAWMRNALVQRVTNIKVTPRLDTHPAMITVLEMGAARHFLRTQQLAR 644
Apis mellifera TRAP1 VEENLCESDSKS-------DSPHIINQGEINNLMSYMRKVLSGKAHDIKITTRLESHPCIVTVQEMATARHFARMQTRQF 618
Homo sapiens TRAP1 VETDIVVDHYKEEKFEDRSPAAECLSEKETEELMAWMRNVLGSRVTNVKVTLRLDTHPAMVTVLEMGAARHFLRMQQLAK 629
100%
Conservation
0%
740 760 780 800
Euphausia superba HSP90 RDTSTMGYMAAKKHLEINPDHSIVETLRQKADADKNDKSVKDLVMLLFETSLLSSGFSLEDPGIHASRIYRMIRLGLGID 685
contig03026 ADD--MRYSLLKPELEINPGHPIIVKLHSIKDSNPHLAELVAKQ--LFGNAMVMAG-LVEDP-------RTVLASMTDL 345
Aedes aegypti TRAP1 SEE--HRYALLQPQLEINPKHPIIKKLHKLTTTDPELAELLARQ--LFSNAMVGAG-LVEDP-------RMLLTSMNDL 695
Culex quinquefasciatus TRAP1 SEE--NRYALLQPQLEINPKHPIVKKLFKLTQSDPELAELLAKQ--LFSNAMVGAG-LVDDP-------RMLLTSMNEL 676
Drosophila melanogaster TRAP1 PEQ--NRFALLQPELEINPKHPIIKKLNKLRESDKDLAQLIAKQ--LFANAMVGAG-LAEDP-------RMLLTNMNTL 678
Pediculus humanus HSP75 SEE--SKYALLKPQLEINPKHPIIKKLCKLKNSNPKLADLVAKQ--LFSNAMVSAG-LLEDP-------RIILTDMNEL 681
Danio rerio TRAP1 SSE--ERAQILQPTLEINTGHDLIKKLHALKDSNPELAQLLLEQ--IYDNAMIAAG-LNEDP-------RPMISRLNQL 711
Apis mellifera TRAP1 GDE--MLYSLLRPCFEINPNHSLIKKLCELINSNTKLADLLIKQ--LFTNSMVEAG-LIDNP-------RVLLASMNEL 685
Homo sapiens TRAP1 TQE--ERAQLLQPTLEINPRHALIKKLNQLRASEPGLAQLLVDQ--IYENAMIAAG-LVDDP-------RAMVGRLNEL 696
100%
Conservation
0%
820
Euphausia superba HSP90 EEDLPVEDSNTAEEMPPLEGDDEDASRMEEVD-- 717
contig03026 LTAALEKH---------- 353
Aedes aegypti TRAP1 LEKVLDKH---------- 703
Culex quinquefasciatus TRAP1 LEKVLDKH---------- 684
Drosophila melanogaster TRAP1 LSRALEKY---------- 686
Pediculus humanus HSP75 LTQALEIH---------- 689
Danio rerio TRAP1 LTRALEKH---------- 719
Apis mellifera TRAP1 LTLALEKK---------- 693
Homo sapiens TRAP1 LVKALERH---------- 704
100%
Conservation
0%