

EMBOSS_001	91	TTACATAG--TTTG-----TTAGA--ATTG--GGTACA--AAAC	121
EMBOSS_001	349	CTAAAGCT----TGGGTAAAACATTGAAATAGTT-AAAGACAAATT 	392
EMBOSS_001	122	CTACTGCTCCTCATG-----TTCGTAATA---AGAAGGTGATATT	158
EMBOSS_001	393	GCTCGGAATCACAAACAT--TCCG---AGTATGGATTCTCGTCCTCAGA-A	436
EMBOSS_001	159	ATTCG---ACACAA-ATCATCAGGTTAGTA----TCT-GTAATCAGATA	198
EMBOSS_001	437	AGTCTGGATGACGCCGAGTCTCACTGAATCTGACATGGATTACCACAAGA . . .	486
EMBOSS_001	199	A---TAGATG-----CAAT-AAACT--CAGGGATT-----GA	224
EMBOSS_001	487	TCTTGACAGCAGGTCTGTCGTTAACAGGGGATTGTTCGGCAAAGAGTC 	536
EMBOSS_001	225	TCTTG-----GAG--	232
EMBOSS_001	537	ATCCCAGTGTATCAAGTAAACAATCTT---GAGGAGATTGCCAACTTA . .	582
EMBOSS_001	233	-----ATCTTCTAGAAGGGGGTTGC-----	253
EMBOSS_001	583	TCATACAGGCCCTTGAAGCAG-GTGTGATTTCAAGAGAGTGCAGGACAG . ..	631
EMBOSS_001	254	-----TGACGTTGTGTGA-----ACA-	272
EMBOSS_001	632	TTCCCTCTCATGTTGCTTCATCATGCGTACCAAGGGAGAT---TACA 	678
EMBOSS_001	273	---CTACT-----ATAATTCCGACAA---AGATAAAATTCA	301
EMBOSS_001	679	A-ACTTTCTGGAAAG--TGGCGAGTCAGTATTTG--GAAGGGCA .. .	721
EMBOSS_001	302	ACAC-----AAGTCCTATCGCA---AAATACTTGCAGTATGCAACCCGTTCTG	334
EMBOSS_001	722	CGGGTTCCG-TTTGAAG--TCAAGAA-----GCGTGATG 	753
EMBOSS_001	335	CGGGTTATGAATTGATGTCATCAAGAATGCAGATGCAACCCGTTCTG	384
EMBOSS_001	754	GA-GTGAAGCGCCTTGAGGA---ATTGCTGCCAGCAGTA--TCTAG--- 	793
EMBOSS_001	385	GATGTGATCCCCAATGA--ACCTCATTACAGCC--CTTTAATTCTGGCCC	430
EMBOSS_001	794	-TGGAAAAAACATTAAGAGAACACTTGCTGCCATGCCGA-----AGAGG .	837
EMBOSS_001	431	TT---AAAACATT-AGAAAGCACT-----GAATCTCAGAGG	462
EMBOSS_001	838	AGACAACCTGAAGCTAATGCCGG-TCAGTTCTCTCCTT-TGCAAGTCTAT . .	885
EMBOSS_001	463	GG-----GAGG--ATTG--GGCTC--TTTTGTCATTCTGC-AGTCTTT	499
EMBOSS_001	886	TCCTTCCGAAATTGGTAGTAGGAGAAAAGGCTGTCTTGAGAAGG--TTC 	933
EMBOSS_001	500	TTCTCCAAAACCTGTCGGAGACCGGGCCAGTATCGAAAAGGCCTT-	548
EMBOSS_001	934	AAAGGCAAATTCAAGTACATGCAGAGCAAGGACTGATACA-ATATCC--A 	980
EMBOSS_001	549	-AAGACAAGTGACAGTACATCAAGAACAGGGATTGT-CACATACCCCAA	596
EMBOSS_001	981	ACAGCTTGGCAATCAGT--AGGACACATGATGGTATTTCCG---TTG .	1025
EMBOSS_001	597	TCA--TTGGC--TTACTACAGGTACATGAAAGTAATTGGATCTTG	642
EMBOSS_001	1026	ATG-CGAACAAATT-TTTGATCAAATTCTCTTAATACACCAAGGGATG . . .	1073
EMBOSS_001	643	AGGTCTAGC---TTTATTG--TAAAGTTGTGTTGATTCATCAAGGAGTA	687

EMBOSS_001	1074	CACATGGTTGCCGGGCATGATGCCAACGACGCTGTGATTTCAAATTCACTG	1123
EMBOSS_001	688	AATTGGTGACAGGTCATGATGCATATGACAGTATCATTAGCAATTCACTG	737
EMBOSS_001	1124	GGCTCAAGCTCGTTTCAGG-TTTATTGATTGTCAAAACAGTACTTGA-	1171
EMBOSS_001	738	AGGTCAAACTAGATTCTCAGGACTTCTT-ATTGTGAAAACAGTTCTCGAG	786
EMBOSS_001	1172	-TCATATCCTACAAAAGACAGAACGCGGAGTTC---GT---CTCCATC 	1212
EMBOSS_001	787	TTC--ATCTTGCAAAAAACTGA-----TTCAGGGGTGACACTACATC	826
EMBOSS_001	1213	CTCT--TGCAAGGACCGCCAAGGTAAAAATG-AGGTGAACCTCTT-AA 	1258
EMBOSS_001	827	CTTGGTGC--GGACCTCAAAGTGAAAAACGAAGTTG--CTAGTTCAA	872
EMBOSS_001	1259	GGCTGCACTCAGCTCCCTGGCCAAGCATGGAGAGTATGCTCCTTCGCC 	1308
EMBOSS_001	873	GCAGGCGTTGAGCACTTAGCCGACACGGAGAGTACGCACCATTGAC	922
EMBOSS_001	1309	GACTTTGAACCTTCTGGAGTAATAATCTTGAGCATGGCTTTCCCT 	1358
EMBOSS_001	923	GGGTTTTGAATTATCAGGGATTAAACAATCTGAACATGGACTCTATCCT	972
EMBOSS_001	1359	CAACTATCAGCAATTGCACTCGGAGTCGCCACAGCACACGGGAGTACCCCT 	1408
EMBOSS_001	973	CAGCTCTAGCAATTGCGCTGGGTGTAGCGACAGCACATGGCAGTACATT	1022
EMBOSS_001	1409	CGCAGGAGTAAATGTTGGAGAACAGTATCAACAACTCAGAGAGGGCTGCCA	1458
EMBOSS_001	1023	GGCTGGTGTCAATGTCGGCGAACAAATATCAACAGCTACGAGAGGGCAG-CA	1071
EMBOSS_001	1459	C-TGAGGCTGAGAAGCAACTCCAACAATACGCAGAGTCTCGCGAACTTGA 	1507
EMBOSS_001	1072	CATGATGC--AGAAGTAA---AAC--TACAAAGA---CG---ACATGA	1106
EMBOSS_001	1508	CCATCTTGGACTT-----GATGATCAGGAAAAGAAAATTTC 	1542
EMBOSS_001	1107	ACATCAGGAAATTCAAGCTATTGCCGAAGATGACGAGGAAAGGAAGA-TA	1155
EMBOSS_001	1543	TTATGAAC--TTCCA---TCAGAAAAAGAAC-GAAATCAGCTCCAG-CA 	1585
EMBOSS_001	1156	TTA-GAACATTCCACCTTCAGAA---AACTGAAATCA-CACACAGTCA	1199
EMBOSS_001	1586	AACAAACGCTATGTAACTCTAAGAAAAGAG-----CGCCTGGC	1624
EMBOSS_001	1200	GACACTCGCCGTCTCAGCC--AGAACGAGAAAAATTAGCCGCCT---	1244
EMBOSS_001	1625	CAAGCTGACGGAAAGCTATCACTGCTGC-GTCACTGCCAAAACAA---G 	1669
EMBOSS_001	1245	-----TGCTGCAGAAATTG---AAAACAATATTG	1270
EMBOSS_001	1670	TGGA-----CATT---ACGATGA-----TGATGACGACATTCCCT 	1701
EMBOSS_001	1271	TGGAAGATCAGGGATTAAACAATCACAGAACATGGGTGTC-ACAGTCGTT	1319
EMBOSS_001	1702	TTCCAGGACCCATCAATGA-----TGACG--ACAATCC 	1732
EMBOSS_001	1320	TT-----TGAATGACCCCACACCTGTGGAAGTAACGGTTCAAGCC	1359
EMBOSS_001	1733	TGG-CCATCAA--GATGATGATCCAAC TGACTC-----	1762
EMBOSS_001	1360	AGGCCCATAAATCGA-----CCAAC TG-CTCTGCCTCCTCCAGTCGAC	1401

EMBOSS_001	1763	-ACAAGATACGACCATTCCCTGATGTGGTGGTTGATC--CCGATGATGGAA	1809
EMBOSS_001	1402	AGCAAAAT-CGAGCA---TGA-----ATCTACAGAAGAT---A	1432
EMBOSS_001	1810	G--CTACGGCGAATACCAAGAGTT-ACTCGGAAAACGGCATGAATGCACCA 	1856
EMBOSS_001	1433	GCTCTTCTTCAGTAGCTTGTGACT-----TGAATGATCCA	1470
EMBOSS_001	1857	GATG-ACTTGGTCTATTGATCTAGACGAGGACGATGAGGACACT----	1901
EMBOSS_001	1471	TTTGCACT-----GCTGAATGAGGAC---GAAGACACTCTG	1504
EMBOSS_001	1902	AAGCCAGTG-CCTAAT---AGATCAAC-----CAAGGG--- 	1930
EMBOSS_001	1505	ATGATAGTGTATGATCCCGAGCACAACATCGAGAGAATTCAAGGGATT	1554
EMBOSS_001	1931	--TG-----GACAA---CAG-----AAAAACAGTCAAAAGGGCCA 	1960
EMBOSS_001	1555	CCTGAACCGCCAAGACAATCTCAGGACATCGATAACAGCCAA---GGAAA	1601
EMBOSS_001	1961	GCATACAGAGGGCAGA----CAGACACAATCCAG----- ..	1990
EMBOSS_001	1602	GCA---AGA---AGATGAATCA---ACAAACCTGATTAAGAAACCGTT	1641
EMBOSS_001	1991	--GCCAACTCAAAA-----TGTCCCAGGCCCTCACAGAA----- 	2022
EMBOSS_001	1642	TTGCGATATCAAGAACTGCCTCCTGT-CCAGG-----AGGATGATGAA	1683
EMBOSS_001	2023	---CAATCCACCACGCCAGTGCTCCACTCAC-GGA---TAATGA-CAG--	2062
EMBOSS_001	1684	TCGGAATACACAAC---TG---ACTCTCAGGAAAGTATTGACCAGCC	1724
EMBOSS_001	2063	AAGA-----AATGAAC-----CCTCCGGCTCAACCAGCCCTC- 	2094
EMBOSS_001	1725	AGGATCCGACAATGAACAAGGGGTTGATCTTCCACCT-----CCTCC	1766
EMBOSS_001	2095	---GCATGCTGACACCAATCAACGAAGAGGGCA-GACCCACTGGACGATGC 	2140
EMBOSS_001	1767	GTTGTACGCT--CAGGAA-----AAGAGACAGGACCCAAT--AC---	1801
EMBOSS_001	2141	CGACGACGAGACGTCTAGCCTTCCGCCCTGGAGTCAG----ACGAT-- 	2183
EMBOSS_001	1802	-----AGC-----ACCCAGCAGTAAGCTCTCAGGATCC	1829
EMBOSS_001	2184	-----GAAGAACAGGACAGG-GACGGAA-----CTTCCAACCGCA 	2217
EMBOSS_001	1830	CTTTGG----CAGTATTGGTATGTAATGGTATCTAGAACCA-CA	1873
EMBOSS_001	2218	-----CACCCACTGTCGCCACCG---GCTCCGTATACAG--AGATC 	2256
EMBOSS_001	1874	TAAGGTACCCCTCT-----TCACCGTCTGCTCC-----TCAGGAAGA-C	1911
EMBOSS_001	2257	ACTCTGAA---AAGAGA-----GAA---CTCC-----CGCAA--- 	2282
EMBOSS_001	1912	AC---AAGGGCAAGAGAAGCCTATGAATTGTCACCTGATTTCAAATT	1957
EMBOSS_001	2283	-----GATGAGCAACAAGATCAGGACCACACTCAAGA---GGCCAGGA 	2322
EMBOSS_001	1958	ATGAGGATAATCAACAGAAT-TGGCCACA---AAGAGTGGTGACAAAGA	2002
EMBOSS_001	2323	A--CCAGGACAGT-----GACAACACCCAGC 	2346
EMBOSS_001	2003	AGGGTAGGACTTCCTTATCTAATGATCTCTGCAGACAAATCC--TC	2050
EMBOSS_001	2347	CAGAA-CACT-----CTT-TTGAGGAGA-----TGTATC	2373

EMBOSS_001	2734	GAGGTTATATAATTACTCATGGTGTAAATGTAATTCTTACCT-CTATTT	2782
EMBOSS_001	2931	-----GCCTACCCAACATTACACGATCATT-----TAT---AATTAAGA 	2968
EMBOSS_001	2783	CTTCTG-----TTTCCCTCCTTATAATATGCCAATTAAG-	2820
EMBOSS_001	2969	AAAAACTAA---TGATGAAGATTAAAACCTTCATCATCCTACGTCAAT 	3014
EMBOSS_001	2821	AAAAACTAAAAATCGAAGAATATTAAA---GAT---TTCTTTAAT	2860
EMBOSS_001	3015	TGAATTCTCTAGCACTCGAAG---CTTATTGTCCTC-----A 	3048
EMBOSS_001	2861	---ATTC---AGAA---AAGGTTTTTATTCTCTTCTTACAA	2900
EMBOSS_001	3049	AT---GTAAAAGAA-AAGCTGGCTAACAGATGACAACCAGAACAAAGG . . .	3094
EMBOSS_001	2901	ATATATTAAAATAATAA---TTCT-----	2921
EMBOSS_001	3095	GCAGGGGCCACACTGCGGCCACGACTCAAACGACAGA-ATGC--CAGGC 	3141
EMBOSS_001	2922	-----CACAATGTGG---GACTCA---TCATATATGCAACAAG-	2953
EMBOSS_001	3142	CCTGAGCTTCGGGCTGGATCTTGAGCAGCTAACGCGGAAGAATTCC 	3191
EMBOSS_001	2954	--TCAGC-----GAAGGGTTGACTGGAAAAGTTCC	2984
EMBOSS_001	3192	TGTAAGCGACATCTCTGTGATATTGAGAACAAATCCAGGATTATGCTACG	3241
EMBOSS_001	2985	CATA-----GAT-----CAGGTGTTGGTACC	3006
EMBOSS_001	3242	CATCCC-----AA---ATGCAACA-AACCAAGCCAAACCCGAAGACGCG	3281
EMBOSS_001	3007	AATCCCTTAGAGAACGCTATACAAGAGAACAAAACCAAA-----AGGCA	3049
EMBOSS_001	3282	CA-----ACA-----GTCAAACCCAA-ACGGACC 	3304
EMBOSS_001	3050	CAGTTGGACTACAATGTAGCCCTGTCTAATGTCAAAGGCAACAAGTACT	3099
EMBOSS_001	3305	CA-----ATTGCAATCA--TAGTTTGAGGGAGGTAGTACAAACATTA	3345
EMBOSS_001	3100	GATGATATTATTGGGACCAACTGGCGTGAGGA-----AAACACTA	3141
EMBOSS_001	3346	GCT--TC-----ATTGGC-----TAC .	3359
EMBOSS_001	3142	GCTGATCTACTTATACCGATAAATAGGCAGATATCGGACATTCAAAGTAC	3191
EMBOSS_001	3360	TGT-TGTG-----CAACAACAAACCATTGCA--TCAG---AAT--CAT 	3394
EMBOSS_001	3192	TCTAAGTGAAGTAACAACAAAGAGTCCA-TGAAATTGAGCGGGCAATTACAT	3240
EMBOSS_001	3395	TAGAACACGCATTACGAGTCTTGAGAATGGCTAAAGCCAGTTATGAT	3444
EMBOSS_001	3241	GAAATCACC-----CCAGTCTGAAAATGG---GAAG-----GAC	3272
EMBOSS_001	3445	A-TGGCTAAAACAATCTCCTCATTGAACAGGGTTGTGCTGAGATGGTTG 	3493
EMBOSS_001	3273	ACTGG---AAGCAATCTCC-----AAGGGGATGT-CAGAAATGTTAG	3310
EMBOSS_001	3494	CAAATATGATCTCTGGTGTGATGACAACCGGTGGCAACAGCAACCGCT 	3543
EMBOSS_001	3311	CTAAATATGACCACCTGTAAATCTCAACTGGAGAACCAACTGCACCAAGCT	3360
EMBOSS_001	3544	GCGGCAACTGAGGCTTATTGGGCCAACATGGTCAACCACCACTGGACC 	3593
EMBOSS_001	3361	GCTGCCTTGTGCTTACTAAATGAGCATGGTGTCCCTCCTCCTCAACCC	3410

EMBOSS_001	4205	-TAATATAA-----GTCAATTAAAC 	4223
EMBOSS_001	4110	TTATACATTATAGAGAAACTAATATTACTAACAAAAGGGGTCTACCTAAC	4159
EMBOSS_001	4224	G-----ACCAAGATAAAATTG--T . .	4240
EMBOSS_001	4160	GGGTATGATCGAGTGATCAGTCTATCTTATAAACCAA---ACAATTGACT	4206
EMBOSS_001	4241	TCTTATCT-----CGCTAGCAGCTAAAA---TAT--- 	4267
EMBOSS_001	4207	TCTTA-CTTTTAAGAACATCAACTAACAGCATAGAAACCACATTATCCTT	4255
EMBOSS_001	4268	-----GAAT----- 	4271
EMBOSS_001	4256	ACGTAATCTTGGCTTAGTTGAATTAACTTTGTTGAATTCAATACGT	4305
EMBOSS_001	4272	--GTAATAGGAGCTATATCTCTGACAGTA---TTATAA----- . .	4304
EMBOSS_001	4306	TTAGTCATAG---TATAT---TGTAGGATTTTATAAGTTAGA	4344
EMBOSS_001	4305	-----TCAATC-----GTTATTAAAGTAACCCAAACC	4330
EMBOSS_001	4345	ATACCTTAAATCATACCCACAAAAAAACTGTGTT-TTAATTAAAGAAAAACT	4393
EMBOSS_001	4331	AAAAGTGTAGAACGATTAAGAAAAACCTAC-CTCGACTGAGAGAGTGT 	4379
EMBOSS_001	4394	A---TGAAGAACATTAAGAACGATCTTCTCTCG---TAGTGTCT	4432
EMBOSS_001	4380	TTCATT-----AACCTTCATCTTGAAACGTTGAGCA--- 	4411
EMBOSS_001	4433	TTTACTGGAAGAAGTATTCCAATCTT-AACTTGT---TGGATCAGTTG	4476
EMBOSS_001	4412	-----AAATTGTTA---AAAATATG---AGGCGGTTATAT 	4441
EMBOSS_001	4477	TCACCTAACGTTATTAAAT-TGATTCACACAAAGTAGTTAAAT	4525
EMBOSS_001	4442	--TACCTACTGCTCCTCCTGAATA---TATGGAGGCCATATACCTG .	4483
EMBOSS_001	4526	TTGTATCTA-----GAATAAATTAA------ATAT-----	4550
EMBOSS_001	4484	TCAGGTCAAATTCAACATTGCTAGAGGTGGCA-ACA-GCAATACAGGCT 	4531
EMBOSS_001	4551	--GGCCAGTTCCAGCAATTACAATA---CATACATGCAATAC---CT	4589
EMBOSS_001	4532	-----TCCTGACACCGG---AGTCAGTCAT---GGGG 	4558
EMBOSS_001	4590	TAACCCCCCTCCTTATGCTGACCACGGTCAAACCAAGTTAACCGCGG	4639
EMBOSS_001	4559	A-CA-CTCCATCGAACATC-----CACTCAGGCCATTGCCGATG-- . . .	4594
EMBOSS_001	4640	ATCAGCT--ATCAAATCAGCAGGGTATAACTC---CAAATT---ATGTG	4680
EMBOSS_001	4595	-----ACACC---ATCGACCA-TGCCAGCCACACACCAGGCA--GTG . .	4630
EMBOSS_001	4681	GGTGATTAAACCTAGAT-GACCAGTTCAA-----AGGAAATGTC	4719
EMBOSS_001	4631	TGTCATCAGCATTACCTT--GAAGCTATGGTGAA-TGTCATATCGGGC . .	4677
EMBOSS_001	4720	TGCCAT--GCTTCA--CTTTAGAGGCAAT---AATTGACATATC---	4757
EMBOSS_001	4678	CCCAAAGTGC---TAATGAA-----GCAAA---TTCCAATTGGCTT . .	4713
EMBOSS_001	4758	-----TGCATACGAAACAGTCAAAGGCCTCCGGCATGGCTG	4800
EMBOSS_001	4714	CCTCTAGGTGTCGCTGATCAA-----AAGACCTACAGCTTGACTCA-AC	4757

EMBOSS_001	4801	4844
EMBOSS_001	4758	AACGGCCGCCATCATGC-TTGCTTCA-----TATACTATCACCCA-T .. .	4797
EMBOSS_001	4845	AGTGGC-----TGC GTTGC-TCACAGGCAGCTATAACATCACCGT	4885
EMBOSS_001	4798	TTCGGCA---AGGCAACCAATCCACTTGTCAAGTCATCGGCTGGGTC 	4843
EMBOSS_001	4886	TTACTCATAATGGGCAAAAATTC---GTCCGTGTCATGACTCGGTA	4930
EMBOSS_001	4844	CTGGAATCCC GGATCACCCCCCTCAGGCTCCTGC--GAATTGGAAACCAGG 	4891
EMBOSS_001	4931	CAGGAATCCC GGACACCCACTCAGGATGTTGCGTGAA--GGAAATCAAG	4978
EMBOSS_001	4892	CCT-----TCCTCCAGGAGTTCGTTCTCCGCCAGTC 	4923
EMBOSS_001	4979	CTTTTATT CAGAATATGGT GATCC-CCAGGA---ATTTTCCACCAATC	5023
EMBOSS_001	4924	---CAACTACCCCAGTATTTCAC---CTTGATTTGACAGCACTCAA- 	4965
EMBOSS_001	5024	AATT CACCTAC---AATCTCACTAAC TTAGTATTGAGTGTGCAAAAC	5068
EMBOSS_001	4966	---CTGATCACCCAAACCACTGCCTGCTGCAACATGACCGATGACACTCC . .	5012
EMBOSS_001	5069	TTCCTGATGA-----TGCCTG--GC-----GTCCG-----TCC	5094
EMBOSS_001	5013	AACAGGATCAA-----TGGA-----GCGTTGCGCC--CAGGGATT . .	5047
EMBOSS_001	5095	A--AGGA-CAAATTAATTG GAAAC ACCATGCAT---CCTGCAG---TCT	5134
EMBOSS_001	5048	CATT CATCCAAA ACTTCGCCCCATTCTTTACCAACAAGAGTGGGAAG 	5097
EMBOSS_001	5135	CCGTTCACCGAATTACCGCTATTGTTCTA-CCAACA---GTCAAG	5178
EMBOSS_001	5098	AAG-GGGAATAGTGC GATCTAACATCTCCGGAGAAAATCCAAGCAATAA 	5146
EMBOSS_001	5179	AAGCAGGCTTATGCC-AGC--ACA-----AAAATCC---CAACAA	5213
EMBOSS_001	5147	TGACTTCACTCCAGGACTTAAGATCGTCCAATTG--ATCCAACCAAAA 	5194
EMBOSS_001	5214	TG-GTCCACTGCTGGCC---ATATC-----TGGCATCCTTC-----	5245
EMBOSS_001	5195	ATATCA--TGGGAATCG---AAGTGC CAGAAA-----CTCT---GG- 	5227
EMBOSS_001	5246	--ATCAACTGAGAGTCGAAAAAGTCC CAGAAAAGACAAGCCTGTTAGGA	5293
EMBOSS_001	5228	-----TCCACAAGCTGACCGGT-----AAGAAGG--TGACTTCT 	5259
EMBOSS_001	5294	TTTCGCTTCC---TGCCGACATGTTCTCAGTAAAAGAGGGTATGA---T	5336
EMBOSS_001	5260	----AAAAATGGACAACCAATCATCCCTG----TTCTTTGCCAA---- 	5296
EMBOSS_001	5337	GAAGAAAAGAGGAGAA--AAT--TCCCCGGTAGTTATT--CAAGCAC	5380
EMBOSS_001	5297	---AGTACATTGGTTGGACCCGGTGGCTCCAGGAGACCTCACCATGGTA 	5343
EMBOSS_001	5381	CTGAGAAC TCCCTTGAA---TGGCTCA---AC-----	5409
EMBOSS_001	5344	ATCACACAGGATTGTGACACGTGTCATTCTCCTGCGAGTCTTCCA----- 	5388
EMBOSS_001	5410	AACAGACAAG-TTGT-ACTAGCGT-----ATGCGAATCCAACACTCAG	5450
EMBOSS_001	5389	-GCTGTGATTGAGAAGTAATTGCAATAATTGACTCAGATCCAGTTTACA 	5437

EMBOSS_001	5451 CGCCGT-----TTAAAATGAT--GCTCAAATAAA----ACA	5480
EMBOSS_001	5438 GA-----ATCT-TCTCAGGGATAGTGATAACAT--CTATTAGTAATCCG 	5479
EMBOSS_001	5481 GAAGTCATCTGTATAAGGAGTATGGCTTAAATGGGTATTT-----G	5522
EMBOSS_001	5480 TCCATTAG-----AGGAGA-TACTTTAATTGATCAATATACTAAAGGT 	5522
EMBOSS_001	5523 TC---AGATTCTTAAGAGATTAGTTGTATTGATTTAAATA-----AT	5562
EMBOSS_001	5523 GCTTTACAC---CATTGTCTTTCTCCTCTAAAT-GTAGAACCTAA- .. .	5566
EMBOSS_001	5563 GCTTTA-ACCTTACATTG-CTGCTT-----TAAATGGTTGA--TTAAG	5601
EMBOSS_001	5567 --CAAAAGACTCATAATATA-----CTT-----GTTTTTAAA	5596
EMBOSS_001	5602 CTGATTAG-CTTGTAAATATAATCTCTCTGGGCCATCAGATCTGTAAT	5650
EMBOSS_001	5597 AGATTGATTGATGAAAGATCATA-ACTAATA-ACATTACAAATAATCCTA	5644
EMBOSS_001	5651 GGGTTTACT-----AGATTATATAC-AAGACACAGT---AATA---TT	5686
EMBOSS_001	5645 CTATAATCAATACGGTATCCTAAATGTTAATCTTCTCA---TTGCAAAT . . .	5691
EMBOSS_001	5687 TTATAAACAAAT-----TCTTGCTCAGTTTG-----	5712
EMBOSS_001	5692 ACTCTTGCCTTATCCTCAAATTGCCT-ACATGCTTACATCTGAGGATA .	5740
EMBOSS_001	5713 ---CTTTG-----ATTAAATAACA---TACAT-----	5733
EMBOSS_001	5741 GCCAGTGTGACTGGATTGGAGATGTGGAGAAAAATCGGGACCCATTTC 	5790
EMBOSS_001	5734 --CATTGTGCCTT-----TCATTGC	5751
EMBOSS_001	5791 TAGGTTGTTACCATCCAA---GTACAGACATTGCCCTCT--AAT--TA 	5833
EMBOSS_001	5752 TAGGT-----CAACCCAACTGATAATGATATT--CCTTCTGAAATAGTA	5793
EMBOSS_001	5834 AGAAAA---AATCGGGCATGAAGATTAA-----GCCGACAGTGAGCGTA 	5874
EMBOSS_001	5794 AGAAAAAACTAAT---GAAGAACATTAATTACTGGGTAAAAGTGA-----	5834
EMBOSS_001	5875 ATCTTCATCTCTTAGATT--ATTTCCTCCAGAGTAGGGG---TCG 	5918
EMBOSS_001	5835 ---TTAAGTTCT-TTAAATTGAT-----CAAAGTA--ATATTTG	5869
EMBOSS_001	5919 TCAGGTCTTTCAATCGTATAACAAAATAACT---TCACTAGAAGG . ..	5964
EMBOSS_001	5870 TCAG-----TGAAT-----ATATTCTCATATCACCTG---	5896
EMBOSS_001	5965 ATATTGTGGGCAACAACACAATGGGTGTTACAGGAA--TATTGCAGTTA .	6012
EMBOSS_001	5897 --ATT-----AAAA-----ACAGGAAATTAT-----	5915
EMBOSS_001	6013 CCT--CGTGTGATTCAAGAGGGAC----ATCATTCTT-TCTTGGGTA 	6054
EMBOSS_001	5916 CCTAACATGA---AAACCACATGTCTCTTATCAGTCTTATCT-----TA	5957
EMBOSS_001	6055 ATTATCCTTTCAAAG---AACATTTCC--ATCCCACTTGGAGTCAT 	6098
EMBOSS_001	5958 A-----TCCAAGGGTAAAAACTCTCCCTAT---TTTAGAG---	5990
EMBOSS_001	6099 CCACAATAGC----ACATT-----ACAGGTTAGTGATGTCGA--CAA .	6134
EMBOSS_001	5991 ----ATAGCCAGTAACATTCAACCCAAA-----ATGTGGATTCA-	6026

EMBOSS_001	6135 ACTGGTTG--CCGTGACAACTGTCATCCACAAATCAATTGAGATCAGT . . .	6182
EMBOSS_001	6027 ---GTATGCTCCGGGAC----TC-TCCAGAA-----	6049
EMBOSS_001	6183 TGGACTGA-----ATCTCGAAGGGGA-----ATGGAG-TGGCAA---- 	6214
EMBOSS_001	6050 --GACAGAAGACGTTCATCT-GATGGGATTCACACTGAGCGGGCAAAAG	6096
EMBOSS_001	6215 ---CTGACGTGCCATCT---GCAACTAAAAGATGGGGCTTCAGGTCCGG 	6257
EMBOSS_001	6097 TTGCTGA-TTCCCCTTAGAGGCATCCAAACGATGGCCTTCAGGGCAGG	6145
EMBOSS_001	6258 TGTCCCACCAAAGGTGGTCAATTAT---GAAGCTGGTGAATGGGCTGAAA 	6304
EMBOSS_001	6146 TGTACCTCCCAAGAACATGTTGAGTATACAGAAGGGGAGGAA---GCT-AAA	6191
EMBOSS_001	6305 AC-TGCTACAATCT---TGAAA-----TCAAAAAACCTGACGGGA 	6340
EMBOSS_001	6192 ACATGTTACAATATAAGTGTAAACGGATCCCTCTGGAAAATCCTTGC---	6237
EMBOSS_001	6341 GTGAGTGT-----CTACCAGCAGCGCCAGACGGGATTGGGGCT-T 	6380
EMBOSS_001	6238 -----TGTTAGATCCTCCTACCAAC-----ATCCGTGACTAT	6269
EMBOSS_001	6381 CCCCCGGTGCCGGTATGTGCACAAAGTATC-----AGG---AA .. .	6415
EMBOSS_001	6270 CC-----TAAATGCA-AAACTATCCATCATATTCAAGGTCAAAA	6307
EMBOSS_001	6416 C-----GGGACCG-----TGTGCCGGAGACTTGCCTTC .	6444
EMBOSS_001	6308 CCCTCATGCACAGGGGATCGCTCTCATTGTG-----	6340
EMBOSS_001	6445 CACAAAGAGGGTGCTTCTTCTGTATGACCGACTTGCTTCCACAGTTAT 	6494
EMBOSS_001	6341 -----GGGAGCATTCTCTGTATGATCGCATCGCCTCCACAACGAT	6382
EMBOSS_001	6495 CTACCGAGG-AACGACTTTCGCTGAAGGTGTCGTTGCATTCTGATACTG	6543
EMBOSS_001	6383 GTATCGAGGCAAAGTC-TTCACTGAAGGAAACATAGCAGCTATGATTGT-	6430
EMBOSS_001	6544 CCCAAGCTAAGAAGGACTTCTTCAGCTCACACCCCTTGAGA-GAGCCGG 	6592
EMBOSS_001	6431 ---CAA--TAAGA-----CAGTGCACA-----AAATGATTTTC	6458
EMBOSS_001	6593 TCAATGCAACGGA---GGACCCGTCTAGTGGCTA--CTA--TTCTACCA 	6634
EMBOSS_001	6459 TCGAGGCAA-GGACAAGGGTACCGTCACATG---AACCTAACTTCT--A	6501
EMBOSS_001	6635 CAATTAGATAT---CA---AGTACCGGTTTGG-----AACCAATGA 	6671
EMBOSS_001	6502 CTAATAATATTGGACAAGTAGCAAC-----GGAACGCAAACGAATGA	6544
EMBOSS_001	6672 GACAG-----AGTATTGTTCGAGGGTTGACAATTGACCTACGTCCA	6713
EMBOSS_001	6545 CACTGGATGCTCGGTA-CTCTCAAGAAT-ATAATT---CTA---CA	6584
EMBOSS_001	6714 ACTTGAATCAAGATTACACACCAGTTCTGCTCAGCTGAATGAGACAA . . .	6763
EMBOSS_001	6585 A--AGAACCAA----ACA-----TGTGCTCC-----	6604
EMBOSS_001	6764 TATATACAAGTGGAAAAGGAGCAATACACACGG--GAAAACTAATTGGA 	6811
EMBOSS_001	6605 -----GTCCAAAAA--ACCTTACCACTGCCACAGCCCATCCGG-	6642

EMBOSS_001	6812 AGGTCAA-----CCCCGAAATTGATACAACAATCGGGGAGTGGGCC 	6852
EMBOSS_001	6643 AGGTCAAGCTCACTAGCACCTCAACTGATGCCAC-----	6676
EMBOSS_001	6853 TTCTGGGAAACTAAAAAAACCTCACTAGA---AAAATTGCAGTGAAGAG	6899
EMBOSS_001	6677 -----CAAAC--CAATACCAC---AGACCCAAA----CAGTGATGA-	6709
EMBOSS_001	6900 TTGTCTTCACAGCTGTATCAAACAGAGCCAAAACATCAGTGG-TCAGA . .	6948
EMBOSS_001	6710 -TG-----AG-----GACCTCACAAACATC--TGGCTCAGG	6736
EMBOSS_001	6949 GTCCGGCGCGAACCTCTTCCGACCCAGGGACC-AACACAACAATGA--- 	6994
EMBOSS_001	6737 GTCTG--GAGAA-----CAGGAACCTTACACAACCTCTGACGC	6772
EMBOSS_001	6995 AGACCACAAAATCATGGCT---TCAGAAAAT-----TCCTCT--- 	7028
EMBOSS_001	6773 AG-CCACGAAGCAAGGGCTTCATCA-ACAATGCCGCCACTCC-CTCAC	6819
EMBOSS_001	7029 -GCAATGGTTCAAG---TGCACAGTCAGGAAGGGAAAGCTGCA-----	7067
EMBOSS_001	6820 CACAA---CCAAGCACGCCACAG-CAAGGA--GGAAACAACACGAACCA	6862
EMBOSS_001	7068 -----GTGTCGCATCTGAC--AACCCCTGCCACAATCTCCACGAGTC 	7107
EMBOSS_001	6863 TTCCAAGGTGT---TGTGACTGAACCC--GGCAAAACCAACACAATG	6906
EMBOSS_001	7108 CTCAA-----CCCCCACAAC-----CAAACCAGGTC--CGGA 	7138
EMBOSS_001	6907 CACAACCGTCCATGCCCTCACAACACTACTACAATC---TCTACTAA	6952
EMBOSS_001	7139 CAAC-----AGCAC--CCACAATACACCGTGATAAAACTTGACATCT . . .	7179
EMBOSS_001	6953 CAACACCTCCAAGCACAAACCTCAGCACTCC-----CT	6984
EMBOSS_001	7180 CTGAGGCAACTCAAGTTG----AACAAACATCACCGCAGAACAGAACG 	7224
EMBOSS_001	6985 CTGTACCAATACAAATGCCACTAATTACAACAC-----ACAG-----	7022
EMBOSS_001	7225 ACAGCACAGCCTCCGA-----CACTCCCCCGC---CACGACC 	7259
EMBOSS_001	7023 --AGCACGGCCCCCTGAAAATGAGCAAACCAAGTGCCCCCTGAAAACAACC	7070
EMBOSS_001	7260 --GCAGCCGGACC-----CCT--AAAAGCAGAGAACACCAA----- 	7291
EMBOSS_001	7071 CTGCTTCC--AACAGAAAATCCTACAACAGCAAAGAGCACCAATAGTACA	7118
EMBOSS_001	7292 -----CACGAGCAAGGGTAC-----CGAC-----CTCCTGGA 	7318
EMBOSS_001	7119 AAAAGCCCCACTA-CAACAGTACCAAATACGACAATAAGTATTCC---A	7164
EMBOSS_001	7319 C---CCGCCACCACAACAAGTCCCCAAAACCACAGCGAGACCGCTGGC . . .	7364
EMBOSS_001	7165 CCAGTCCCTCCCCAC-----CCCCAACTCGACTGC-----	7195
EMBOSS_001	7365 AACAAACA-----ACACTCATCACCAAGATACCGGAGAACAGAGGTGCCAG 	7408
EMBOSS_001	7196 -ACAACATCTTGTATATT--TCAGAAGGAAAC---GAA-ATATTCTCTG	7237
EMBOSS_001	7409 CAGCGGGAAAG-----CT-----AGGCTTAA----- . . .	7428
EMBOSS_001	7238 --GAGGGAAAGGCACATGTTCCCTTCTGGATGGGTTAATAAATGCTCC	7285
EMBOSS_001	7429 -----TTACCAATACTA-----TTGCTGGAGTCG	7452

EMBOSS_001	8000	A---ATTGCTACTGAGCCCTTCTTCT--GATCTAC-TGA-----	8032
EMBOSS_001	8120	ATAATACACT--GGAGCTT-----AAAC--ATAGC-CAATGTGATTCTA 	8159
EMBOSS_001	8033	--AATCAACTTGGGAGATTTGAGAAGCTGATAACTTAATGTGAATC-A	8079
EMBOSS_001	8160	ACTCTTTAAACTCACAGT-TAAC-TAAATAAGGTTGACA-TCAATC 	8206
EMBOSS_001	8080	ACAGTTT---AC----GTATTATCGATTATTATGGTTGAGATTCAA-C	8120
EMBOSS_001	8207	TAGTTATC-TCTTGAGAATGA-----TAAACTTGATGAAGATTAAAGA 	8248
EMBOSS_001	8121	T-GTTATCATCGTCAAGAGTGACCTTCCT--ATTGATGCA-----	8159
EMBOSS_001	8249	AAAAGGTAATCTTCGATTATCTTAA-----TCTTCATCCTT---GA . .	8288
EMBOSS_001	8160	-----TTAATGT-----TTTAAACTACCTCTTAAGCCTTGTGGA	8194
EMBOSS_001	8289	T--TCTACAATCATGACAGTTGCTTTAGTGACAAGGG-----AAAGA 	8329
EMBOSS_001	8195	TGGTCT-CAAT-ATGCGCGT-----AAGGGTTAATTAAAGA	8229
EMBOSS_001	8330	-AGCCTTTTATTAAGTTGATAATCAGATCTGCGAACCGGTA--GAGT 	8376
EMBOSS_001	8230	GA----TTCTT--GTTGCA----TAGTTTTCG---TGTACTGA-T	8263
EMBOSS_001	8377	TTAG--TTGCAACCTAACACACA-TAAAGCATTGATCAAAAA---GTCA 	8419
EMBOSS_001	8264	TTAGGCTT-----AAGACATAGTTAAG-ACTGGCCGAAATGCTCTC-	8305
EMBOSS_001	8420	ATAGAAATTAAACAGTGAGTGGAGACAAC---TTAAATGGAAGCTTC 	8466
EMBOSS_001	8306	-----CAGT-----CAACTCCATT-----CCTC	8324
EMBOSS_001	8467	ATATGAGAGAGGACGCCACGAGCTG-CCAGACAG-----CAT--TC	8505
EMBOSS_001	8325	TCAGGGGAG-----ACGTGCTGTCAAAGAGTCTTAATCCATAATC	8365
EMBOSS_001	8506	AAGGGATGGACACGACCACCATGTTGAGCACGATCATCA-----	8545
EMBOSS_001	8366	A-----ACCAT-----TGCAAGA--ATTAATTACTTTT	8392
EMBOSS_001	8546	TCCAGAGAGAATTATCGAGGTGAGTACCGTCAATC---AAGG--AGC- 	8587
EMBOSS_001	8393	TCC-GTTATACTTATC-----TACATTAATTCTTAAATGTCCAGCA	8433
EMBOSS_001	8588	-----GCCTCACAAAGTGCACGTTTC---CTACTGTAT---TT 	8617
EMBOSS_001	8434	TTATTAACAACCTGCCTTAC-----TTCAATTTGGATGCAAAT	8474
EMBOSS_001	8618	CATAAGAAGAGAGTTGAACCA-TAACAGTTCCCTCAGC---ACCTAAAG 	8663
EMBOSS_001	8475	CATAAG--GAAAGATGAGCCACTT-----TCCCTCTACCTAAGCTAAGG	8517
EMBOSS_001	8664	ACATATGTC---CGACCTTGAAAAAA-----AGG-----ATT . . .	8691
EMBOSS_001	8518	AAATTCTCTTATC-AGCTAAAAATGATCCGTAGGTACGGCCATT	8566
EMBOSS_001	8692	----TTTGTGTGACAGTAGTTTTG--CAAAAAAGATCACCA-----G 	8728
EMBOSS_001	8567	CATAATCTGTTGAGCGTGAATATTGATCAA-----ATAACCAAATGATG	8611
EMBOSS_001	8729	TTGGAGAGTTAACTG-ATAG--GGAATTACTCC--TACTAATGCCGT 	8773
EMBOSS_001	8612	TTGCA---TT---TGTATAGACGCAATTA-TCCCTTATTAA-----GA	8647

EMBOSS_001	8774	AAGACTTGTGGATCAGTAGAACACATT-----AAATATAACTGCAC 	8816
EMBOSS_001	8648	AAAA-----GACAAATAGAACACAGATAGTTGACAAAATTTACT---	8687
EMBOSS_001	8817	CCAAGGACTCGCGCTTAGCAAATCCAACGGCTGATGATTTCCAGCAAGAG 	8866
EMBOSS_001	8688	-----TTGATAAAT-----TTTGC----GAG	8704
EMBOSS_001	8867	GAAGGTCCAAAATTACCTTGTGACTCTGATCAAGACGGCAGAACACTG 	8916
EMBOSS_001	8705	GAA-TTATAAAAAT--CTTG-----AAG-----	8724
EMBOSS_001	8917	GGCGAGACAAGACATCAGAACCATAGAG--GATTC---AAAATTAAG-- 	8958
EMBOSS_001	8725	----GATAATTAT-AG----TAGAGTAGAATCGAAGAACATTAAGTG	8763
EMBOSS_001	8959	-----AGCATTGTTGACTCTATGTGCTGTGATGACGAGGAAATT- 	8998
EMBOSS_001	8764	TTCTTTGTTAGAATTATTCA-TCCAAGT---TGTTTTGAGTATTCG	8808
EMBOSS_001	8999	--TCA---AAATCCCAGCTGAGTCCTT-TATGTGA----- 	9027
EMBOSS_001	8809	CTTCAATACAACCTCC-----TCTTTATATTGATTAAAGATTTAAAA	8850
EMBOSS_001	9028	---GACACACCTAACGGCGTG--AGGGGCTTGGGCAAGATCAGGCAGAAC	9072
EMBOSS_001	8851	TGCAACA-ACCT---CGTGGAAAGGAG-----TC----GAACC	8879
EMBOSS_001	9073	TGT--TCTCGAAG-----TATATCA-----	9090
EMBOSS_001	8880	CGTAACCACCAAGCCACACCGTCTATATCATGAAACTCAATTGCCCTC	8929
EMBOSS_001	9091	----ACGATTACACA-----GT---GATAAAGGAG-----	9113
EMBOSS_001	8930	CAAACCCCATTACACAAATCATCATCCACGTGCAAGATCTATGAGCTAA	8979
EMBOSS_001	9114	---GCAGTTTG---AAGCTGCACTATGGCAACAAT-----GGG	9146
EMBOSS_001	8980	CCCGTAGTAGTGCAGAAAGCAG---TCCCACCAATCACATTCTCGTG	9024
EMBOSS_001	9147	ACCGACAATCCCTAATTATGTTTACTGCATTCTGAA--TATCG--	9191
EMBOSS_001	9025	CTCGACCA-CCCT-----CGACATTC---AACTTATCGAAA	9056
EMBOSS_001	9192	--CTCTCCAGTTACCGTGTGAAAGTTC-TGCTGTCGGTTCAAGGGTTA	9238
EMBOSS_001	9057	CCCCCTCC---TCCC---CCAAAGGACATG-----TGCAGGAATA	9090
EMBOSS_001	9239	AGAACATTGGTCTCAATCAGATAATGAGGAAGCTCAACCAACCGGG	9288
EMBOSS_001	9091	TGAAAATTGG-----ATTG-----CCGTG	9109
EMBOSS_001	9289	GACATGCTCAT-----GGTCTGATGAGGGTACCCCTAACAGGC	9328
EMBOSS_001	9110	CAC-TGATCCTACTGTAATAGGGATCATGA-----CCTTGATAA-TC	9150
EMBOSS_001	9329	TGACTAAAAC---ACTATATAACCTCTACTTGAT-----CACAATAC	9368
EMBOSS_001	9151	TAAC-AAATCGTGAACCTT-----TGCTA-TTGATGGCCGAAAAATGC	9192
EMBOSS_001	9369	TCCGTATACCTAT---TATCATATATTAATCAAGACGATATCCTTAAG	9415
EMBOSS_001	9193	TCC----CCAATACGGATAAGACATTAA-----GAAGTCC-----	9223

EMBOSS_001	9416	ACTTATTCACTACTAT-AATCAC--TCTCGTTCAA-----TTAATA	9455
EMBOSS_001	9224	-----GCAGGACTGTGGGTACCGTCTC-TTTCTAAAGGGCTCTCAA-A	9265
EMBOSS_001	9456	AGATGTGCATGATTGCCCTAATATATGAA-GAGGTATGATACAACCCTAA 	9504
EMBOSS_001	9266	AGATAAACAGGA--GC-----AACGAAGGATGTGT-----	9294
EMBOSS_001	9505	CAGTGACCAAAGAAAATCATATACTCGTATCGCTCGTA--ATATAACCTG 	9552
EMBOSS_001	9295	---TGACCTTGGAAAATC-----TAGGACACATCCTG	9323
EMBOSS_001	9553	CCAAGCATACTCTTGCAC-----AAAGTG---ATT----- . .	9580
EMBOSS_001	9324	---AGC-TATCTC---CACAGATCAGAAATTGGAAATTGGATGAGACAT	9366
EMBOSS_001	9581	--CTT-GTACACAAATAATGTTTAC-CCTACAGGAGGTAGCA--ACG-A 	9623
EMBOSS_001	9367	CACTTCGTGCAGCATTAA-GTTGACGTGTGCTGAAATTGAAAGACGAA	9415
EMBOSS_001	9624	TCCATCC--CATCAAAAAATAAGTATTTATGAC---TTACTAATGACC 	9667
EMBOSS_001	9416	TAGATCCTTGATCAACA-----CCATGACAGAATTAC-----	9447
EMBOSS_001	9668	TCTTAAATATTAA---GAAAAACTGACG---GAACATAAATTCTTTCT 	9710
EMBOSS_001	9448	-----ACATTAATCACGAAAATCTCCCGCAAGACCA-AAAT-----	9482
EMBOSS_001	9711	GCTTCAAGTTGTGGAGGAGGTGTT-----TGTTATTGG . ..	9743
EMBOSS_001	9483	-----GGTGTATCAAGCAGACATACACAGGTATTCA	9514
EMBOSS_001	9744	CTATTGTTATATTACAA---TCAAT--AA-----CAAGCT . . .	9773
EMBOSS_001	9515	C-CTTGATA----AAGGAGGTCAATTGAGCCCTTATGGCAAGGT	9557
EMBOSS_001	9774	TG---TAAAA----ATAT-TGTTCTTGTTCAG-AGGTAGAT-TGTGG 	9812
EMBOSS_001	9558	TGGGATAAGAGATCGATATCTCTATTG-TACAAGCAGCTTATATGTG-	9605
EMBOSS_001	9813	CTGGAAATGCTAAACTAATGA-----TGAA----GATTAATGCGGAG 	9850
EMBOSS_001	9606	-----ATG---AAC-AAT-ATCCCCTGTGAATCATCGATCAGTGTGCAA	9644
EMBOSS_001	9851	GTCTGATAAGAATAAACCTTATTTCAGATTAGGCCCAAGAGGCCATT 	9900
EMBOSS_001	9645	GCCTCATACG----ATCATTTATTCTT-----CCTCAA-AGTCA---	9679
EMBOSS_001	9901	TTCATCTCCTTTA-GCAAAGTACTAT-----TTC-AGGGTAGTCCA 	9940
EMBOSS_001	9680	-----AGGCAAAGGACAATGATTATTGTTGAAGATTG-ACA	9715
EMBOSS_001	9941	ATTAGTGACACGCTCTT--AGCTGT--ATATCAGTCGCCCT-----G 	9980
EMBOSS_001	9716	ATT---TGA---TCACTTCAAGTTCAATTCA---ACCCTTATCGCG	9755
EMBOSS_001	9981	AGAT---ACGCCACAAAAGTGTCT--CTAAGCTAAAT---TGGTCTGTA 	10021
EMBOSS_001	9756	AGATTTGGACACGA-----TCTTACTAACTTCAATAACTGACC---C	9794
EMBOSS_001	10022	CACATCTCATACATTGTATT--AGG-----GACAATAATCTAATT- 	10061
EMBOSS_001	9795	CAAAT-TCA---AGTTACTAAAGGCTAAGATGAAAATAACTAGTTT	9840
EMBOSS_001	10062	----GAACTTAGCCGTTAAAATTAGTCATAAACTGGCTAACTCCA	10107

EMBOSS_001	10527	--GGGTTTAGGTCTATTGTCATATGCTTCGGAATGGTTGCT-----	10567
EMBOSS_001	10679	AACACTAACCC-ATTCACATGCGAACACAACGT-GTCAAGGAACAAT 	10724
EMBOSS_001	10568	-----CCTGGAGGTC-----ACGTCGGCAATCCACATT	10595
EMBOSS_001	10725	TGAGCCTAAAAATGCTGTCG-----TTGA-TTC-GA---TCCAAT	10759
EMBOSS_001	10596	AGTCCC---AAT-CTGTTGGAAATCTATTGACTTCAGATATGTTAAG	10640
EMBOSS_001	10760	ATTCTCAAG-----TTTATTAAACAAATTGGATG--- . .	10787
EMBOSS_001	10641	ATTCTGATGCCAGGTGTGAAAAATTCTTTAATAA-----GATGTTCA	10683
EMBOSS_001	10788	CTCTACATGTCGTGAACTACAACGGATTGTTGAGCAGTATTGAAATTGGA 	10837
EMBOSS_001	10684	CTCTCATGTTGAAATGACCACGGAAAACCCAGCAGTATTGAAAT---	10729
EMBOSS_001	10838	ACTCAAAAT-----CATACA-ATCATCATAACTCGAACTAACATGGG 	10878
EMBOSS_001	10730	----AAAGTTAACTGGGCA-ACAGATCATTACACTCGTGTTAATATGGG	10774
EMBOSS_001	10879	TTTCTGGTGGAGCT-----CCAAGAACCC-----GA	10905
EMBOSS_001	10775	GTTCTAGTGGAAAGTTAGGAGGATTGACATAGAACCCCTGTTGGTGAGA	10824
EMBOSS_001	10906	CA-----AATC-----GGCAAT----- .	10917
EMBOSS_001	10825	CAGTCCTTTAGAATCAGTTGTTTGGCTAGTGGCTGAGGCAGTTCTA	10874
EMBOSS_001	10918	--GAACCGCA-----AGAACGCTGGGCCGGCGAAATTTCCT . .	10953
EMBOSS_001	10875	AGAGAA---CATAGTCAAATGGAGAAG-----GCCAA---CCT	10907
EMBOSS_001	10954	CCTTCA---TGAGTCCACACTGAAAGCATTACACAAGGATCCTAACAC . .	11000
EMBOSS_001	10908	C---TCAATCTGA---CACA-----ATACA-----TGAACA-	10932
EMBOSS_001	11001	GAATGCAAAGTTGATT-CTTGAATTAA-TAGCTCTTGTCTATCTAAC . . .	11048
EMBOSS_001	10933	----GCAAA---ATTGCT---ATATAAGTGGCT-----TA---AAC	10960
EMBOSS_001	11049	TAAGATGGAATACCTTC-----ATATTG-----AGC 	11073
EMBOSS_001	10961	TAGCAT-GAGTATTCCAGGTCAACCACATAATAATGTTGGAGGCACAG-	11008
EMBOSS_001	11074	TAACTCATA-----TATGCTGACTCAATA---GTTAT-CTTGACATCTC 	11113
EMBOSS_001	11009	TACATTATAGTGATTATCCTGTAT-AATAAAGGATATACTT---ACCC	11053
EMBOSS_001	11114	TGCTTCATAAT--CAGATATATA---AGCATAAT-----AAATA-- 	11148
EMBOSS_001	11054	TGATTT-ATATTTACTGGTATAAAATAGTAGCATCATCTTATCAACTAGT	11102
EMBOSS_001	11149	-----AATACGCATATTCCTGATAATTGTTAACCACAGATAAAAT 	11190
EMBOSS_001	11103	TGTCATACAATAGGC-TGTTCC-----ATAATCTGAT-----GGTGA-	11140
EMBOSS_001	11191	CCTCACTGTAAGCCAGCTCCA-AGTTGACACCCTACAAAAACCAGGAC 	11239
EMBOSS_001	11141	----AGTATA---AGCTTGTAGAGTT-----ACCATGAG	11167
EMBOSS_001	11240	TCAGAA-----TCCCTCAAATAAGAGAT---TCCAAGACAA 	11272
EMBOSS_001	11168	TCACAACTGTTGATATTGTCC-----AAAATATATCTTGTGCAAG---	11208

EMBOSS_001	11273	CATCATAGAAT-TGCTTATCATATG-----AATAAGC 	11304
EMBOSS_001	11209	----TAGTGTGTGCTTGA--ATATGCTGATGTAATACACACTAATAATG	11251
EMBOSS_001	11305	ATT--TTATCACCAAG--AAATCTTATATACTAA--ATGG---TTAATTGT .	11345
EMBOSS_001	11252	ATTGATTA----AGAAAAATC-----AATGATGGATATTAAATGT	11287
EMBOSS_001	11346	AACTGAACCCGCAGGTAC---ATGTGTTA--GGTTTCA-----CAG	11382
EMBOSS_001	11288	CCATCAA---GCAGGTGTCGAAAATATTAGGGTTCAAATGCTGCCAG	11334
EMBOSS_001	11383	ATTT--TATATATTAC-----TAACTCT----ATACTCGTAAT 	11414
EMBOSS_001	11335	ACTTACTAAATTTACATAGGATTATATAATTCTCTCGATACGTTA-	11383
EMBOSS_001	11415	TAACATTAGATAAGTAGATTAAGAAAAAAGCCTGAGGAAGATTAAGA--- 	11461
EMBOSS_001	11384	TATCTTAGCAAAGTA---ATGAAAACAGCTTATCATG--TTAGACGC	11427
EMBOSS_001	11462	-AAAACTGCTTATTGGGTCTTCCGTGTTTAGATGAAGCAGTTGAAATT 	11510
EMBOSS_001	11428	CAA-----TTATT-CATCTT-----AAG---TG-AATC	11450
EMBOSS_001	11511	CTTCCTCTGATATTAAATGGCTACACAACAT---ACCCAATACCCGGAC 	11557
EMBOSS_001	11451	CTT--TCTTCA---ATATG-----CAGCATCCA ACTCAATATCCTGAT	11488
EMBOSS_001	11558	GCTAGTTATCATCACCAATTGTATTGGACCAATGTGACCTAGTCACTAG 	11607
EMBOSS_001	11489	GCAAGGTTGCTCTCCCTATAATCCTAGATCAGTGTGACTTATTAGCTAG	11538
EMBOSS_001	11608	AGCTTGC GGGT--TATATTCATCATACTCCCTTAATCCGCAACTACGCAA 	11655
EMBOSS_001	11539	AAGTTTAGGGTTGTATAGTCAT--TATTACATAATCCAAAATTGCGTAA	11586
EMBOSS_001	11656	CTGTA-AACTCCGAAACAT---ATCTACCGTT--GAAATACG-----	11693
EMBOSS_001	11587	TTGTAGAATTCC---ACATCACATTACCGTTAAGGAATTGACAGCC	11632
EMBOSS_001	11694	-----ATGT-----AACTGTTACCAA-----GTTC---TTGAG .	11718
EMBOSS_001	11633	TTAAAGACATTCTCCAGAACGTGTT--CAAACTCACCGTTCTTT---	11677
EMBOSS_001	11719	TGATGTACCAGTGGCGACATTGCCCATAGATT-----TCATAGTCCAAT . . .	11763
EMBOSS_001	11678	-----CATT---CA---ATTGGGATCATATTCTAACT	11704
EMBOSS_001	11764	TCTTCTCAAGGCACTGTCAGGCAATGGGTTCTGT-----C	11798
EMBOSS_001	11705	TCCATTCAA----TATGATGCAATTATCATGTTGATGATTAAATAC	11749
EMBOSS_001	11799	CTGT-----TGAGC-----CGC----GGTGCCAAC-AGTTCT 	11825
EMBOSS_001	11750	CTATTGCCATCTGAGCTAGTCAGTCAAGTATGCAAATTGG-GACAACGAGTTCT	11798
EMBOSS_001	11826	TAGATG-AAATCATTAAGTACACAATGCAAGATGCTCTT---CTTGA 	11870
EMBOSS_001	11799	TAAAGGCATATC-TTAA-----TAAGA-----TCTTAGGACTT-A	11831
EMBOSS_001	11871	A--ATATTATCTAAAAATGTG--GGTGCTCAAGAAGACTGTGTTGATG 	11915
EMBOSS_001	11832	ACCATGTT-TTCCAACTCTGCAAGGT-CACAA-----TGTGAGGAT-	11872

EMBOSS_001	11916	ACCACTTTC---AAGAGAAAAT-CTTATCTTCAATTCAAGGGCAATGAAT	11960
		
EMBOSS_001	11873	----TTTCTCCTAAG-GAAAATCCTTAT---TATTGGGG-----	11905
EMBOSS_001	11961	TTTACATCAAATGTT-TTCTGGTATGATCTGGCTATTT---TAACTC	12005
		
EMBOSS_001	11906	-----ATGTTGTTACTCGTA-----CATTGTCCCAACTT	11935
EMBOSS_001	12006	G-AAGGGGTAGATTAAATCGAGGAACTCTAGATCAACATGGTTGTTCA	12054
		
EMBOSS_001	11936	GCCAGGAG--GATAAA---AGGACA-----AAGAGGG-----TCA	11965
EMBOSS_001	12055	TGATGATTTAA-TAGACATCTTAGTTATGGGACTATGTT-----T	12096
		
EMBOSS_001	11966	TTAAGAAGTAACTGGA-----AGTTTATAGGAAC-AGATTGGAGCTGT	12008
EMBOSS_001	12097	TTGGAAGATCCC-ATTCAATGTTA-----CCACTGAACACAC	12134
		
EMBOSS_001	12009	TTGGA--ATAGCAGATT---TGTTATTTAAGGTTCCAGTGAAAC--	12051
EMBOSS_001	12135	AAGGAATCCCCATGCTGCTATGGACTGGTATCAGGCATCAGTATTCAA	12184
		
EMBOSS_001	12052	-AATAATCCGAAATGCTG-TAAG--CT--TA-CAAGCTTCA-----AAA	12088
EMBOSS_001	12185	GAAGCGGTTCAAGGGCAT-----ACACACA--TTGTTCTGTTCT	12223
		
EMBOSS_001	12089	CCAG-GGTT-AAGGGTATGGTACCGTGAC-CAAAACTTGACCCCTATCT	12135
EMBOSS_001	12224	ACTGCCGACGTCTTGA---TAATGT--GC-----AAAGATT	12255
		. . .	
EMBOSS_001	12136	A-TG-CGACG--ATGAGTTATTGTAAGCGTCGCTAGTTATGAATGTTT	12181
EMBOSS_001	12256	A----ATTACATGTCG----ATT-----CAACACA-----	12277
		. .	
EMBOSS_001	12182	ATTATGATTA-AAGACGTCTCATTGAGAGGTACAACACATGGGAGATAT	12230
EMBOSS_001	12278	-----ACTCTAACCTAAAAATAGCAGAGATTGAGGATCCAGTTGTT	12321
		
EMBOSS_001	12231	GTGCCCGCGCTTGGCTCGAAGA---CAGTGATGGAG-----C	12264
EMBOSS_001	12322	TGATTATCCCAATTAAAGATTGTGCTA--TGTTT----ACCAGAGC	12364
		
EMBOSS_001	12265	TGATTATCCCTCTTGA---TGTG-CTAGGTGAGTTATAACACCA--A	12307
EMBOSS_001	12365	GGAGAT-TACTACTCTCCATAT---TAGGGTCTGATGGTATAAAATT-	12409
		
EMBOSS_001	12308	GGAGATCAAATTA-TTGCATGTACCTGGAG---GACGGCT-TCAAATTG	12352
EMBOSS_001	12410	ATTAAGTTCTCGAACCAT--TGTGTTGGC-----CAA---ATTCAA	12448
		. . .	
EMBOSS_001	12353	ATTAACACCTAGAACCTTATGTG-TTAGCTGTATACAAACACATGGCA	12401
EMBOSS_001	12449	TTATGCTCAAAGTACACCGAGAGGAAGGGCGATTCTAACACAAATG--	12496
		
EMBOSS_001	12402	TTT-----TACACCAAGA--AAATACTGGTCCAATCACAGATGAT	12441
EMBOSS_001	12497	----CAT-TTA-GCTG-----TAAATCACACCCCTAGAAG---	12524
		.	
EMBOSS_001	12442	CAAGTCATATTATGATGAACCTGTTGTCAT-----TTGAAGCTT	12484
EMBOSS_001	12525	-AAATTACAGAAATGCGTCACTAAAGCCTTCACAG---GCTAAAAGAT	12570
		
EMBOSS_001	12485	CAAATTCAGA-----CAATAAAGCC---GAGTGTGCCAAA---	12518
EMBOSS_001	12571	CCGTGAATTCCATAGAACATTGATAAGGCTGGAGA---TGACGCCAAC	12617

EMBOSS_001	12519	-----ACTTTATTAAAAC---TATAATTCAAGCGAAATTGACCCCTAAC	12560
EMBOSS_001	12618	AGCTTTGTGAGCTATTTCCATTCAAAAACACTGGGGGCATCCTGTGCTA 	12667
EMBOSS_001	12561	AATACTGTGAATTATTCTCTACAAAAGCATTGGGGCATCCGTTCTA	12610
EMBOSS_001	12668	CATAGTGAACAGCAATCAAAAAGTAAAAACATG-----CTACGGT	12711
EMBOSS_001	12611	TACAATGATGTTGCACTAGATAAGGTCAAAAACATGCACAATCTAC---	12657
EMBOSS_001	12712	GCTAAAAGCATTAGCCCTATAGTGATTTGAGACATACTGTGTTTTA 	12761
EMBOSS_001	12658	--AAAAATCTTAAACCTAAAGTCATGTTGAAACCTTTGTGTTTC	12704
EMBOSS_001	12762	AAT--ATAGTATTGCCAACATTATTTGATAGTCAGGGCTTGGTACA 	12809
EMBOSS_001	12705	AGTCATAGTA--GCAAAGAACATTATCATTCTCAAGGATCATGGTA--	12750
EMBOSS_001	12810	GTGTTACTTCA---GATAGGAATCTAACACCAGGTCTTA-----ATTCT 	12850
EMBOSS_001	12751	-TAAAACCACACATGATTGACTTCATATCTTAGACAACA-TAT	12798
EMBOSS_001	12851	TATATCAAAAGAAATCAATTCCCTCCGTTGCCAA--TG--ATTAAGAAC 	12896
EMBOSS_001	12799	TGTGTCA---AATTCAATTCCATC-----CCAAGCTGAAATTTATCAGC	12839
EMBOSS_001	12897	TACTATGGG-----ATTTACCACCTTGACCATCCTCCACTTTCTCAA	12941
EMBOSS_001	12840	ATCTTGGGAGTGGTATT-----CGTGGAGCATGAACTCTTTTCAA	12884
EMBOSS_001	12942	CCAAAATTATTAGTGACTTAAGTATTTTATAAAAGACAGAGCTACTGCA 	12991
EMBOSS_001	12885	CTAAAATAATAAGTGATTAGTATTTCTTAAAGACAGGCCACTGCT	12934
EMBOSS_001	12992	GTAGAA--AGGACATGCTGGATGCA--GTATTGAGCCTAATGTTCTAG 	13037
EMBOSS_001	12935	GT-GAACCAGGA-GTGTGGG--CAGTGTCTCGATAGAAGTGTATTAG	12980
EMBOSS_001	13038	GATATAATCCACCTCACAAATT-AGTACTAACGTGTACCGAACATT 	13086
EMBOSS_001	12981	GATATAACCCTCCTGTTAGATTCACT-CAAAGAGAGTGCCAGAGCAATT	13029
EMBOSS_001	13087	TTTAGAGCAAGAAAACTTTCTATTGA---GAATGTT---CTTCTACG 	13130
EMBOSS_001	13030	TTTGGGTCAAGCAGATTTC-CTTGAATCAAATTGGATT-----G	13073
EMBOSS_001	13131	CGCAAAAACTCGAGTAT---CTACTACCACAATATCGAACCTTCTTT 	13176
EMBOSS_001	13074	CTGAAAAGTTAGAGTATTGGCTCCTTC---TTATAGGAATTTCCTT	13119
EMBOSS_001	13177	CTCATTGAAAGAGAAAAGAGTTGAATGTAGGTAGAACCTCGGAAAATTGC 	13226
EMBOSS_001	13120	CTCATTAAAAGAAAAGAGTTGAATATAGGAAGAACCTTGGAAATTAC	13169
EMBOSS_001	13227	CTTATCCGACTC-GCAATGTTCAAACACTTGTGAAGCTCTGTTAGCTGA 	13275
EMBOSS_001	13170	CGTAT-CGTGTCAGAAATGTCCAAACACTCGCAGAAGCCTGGCTGA	13218
EMBOSS_001	13276	TGGTCTGCTAAAGCATTCCCTAGCAATATGATGGTAGTTACGGAACGTG 	13325
EMBOSS_001	13219	TGGATTAGCAAAGCATTCCCTAGTAATATGATGGTTGCACTGAGAGGG	13268
EMBOSS_001	13326	AGCAAAAAGAAAGC-TTATTGCATCAAGCATGGCACCACA-----C 	13368

EMBOSS_001	13269	AACAGAAAG-AAGCATTACTGCATCAGGCTTGGCACCATAATTCA	G 13317
EMBOSS_001	13369	AAGTGATGATTTGGTGAACATGCCACAGTTAGAGG---GAGTAGCTTG 	13415
EMBOSS_001	13318	AAG-----CATAGGGGAAAACGCTATAGTGAGAGGTGCGAGT---TTCG	13358
EMBOSS_001	13416	TAACTGATTTAGAGAAATACAATCTTGCATTTAGATATGAGTTA--CAG	13463
EMBOSS_001	13359	TCACTGATCTTGAGAAATACAACCTTGCCTCCGATATGAATTACGC	GG 13408
EMBOSS_001	13464	CACCTTTATAGAATATTGCAACCGTTGCTATGGTGTAAAGAATGTTT 	13513
EMBOSS_001	13409	CA--TTTCATAGACTACTGTAATCGATGTTATGGTGTGAAGAATTATT C 13456	
EMBOSS_001	13514	AATTGGATGCATTATAACAATCCCACAGTGTATATGCATGTCAGTGATTA	13563
EMBOSS_001	13457	GATTGGATGCACTTTTAATACCACTATGTTACATGTCAGTGATT	13506
EMBOSS_001	13564	TTATAATCCACCACATAACCTCACACTGGAAAATCGAGACAACCCCCCG 	13613
EMBOSS_001	13507	TTATAGCCCACCACATTGTGTGACAGAAGATAACCGAAATAACCCAC	CTG 13556
EMBOSS_001	13614	AAGGGCCTAGTTCATAC---AGGGGTCATATGGGAGGGATTGAAGGACT 	13659
EMBOSS_001	13557	ATTGTGCAAATGCTTACCATTA---TCACTTAGGAGGTATAGAGGGACT	13602
EMBOSS_001	13660	GCAACAAAAACTCTGGACAAGTATTCATGTGCTCAAAT----TTCTTT	13704
EMBOSS_001	13603	TCAACAGAAATTGTGGACATGTATATCATGTGCCAAATCACCTTG GG 13652	
EMBOSS_001	13705	AGTT-----GAAATTAAGACTGGTTTAAGTTACGCTCAGCTGTGATGG . . .	13748
EMBOSS_001	13653	AGTTAAAGACTAAATTAAAA---TTAAAGT---CT-AG-TGT CATGG 13691	
EMBOSS_001	13749	GTGACAATCAGTGCATTACCGTTTATCAGTC---TTCCCTTAGAGACT 	13795
EMBOSS_001	13692	GTGATAATCAATGTATAACAACTCTA--AGTCTGTTCCAGTT-GATG CT 13738	
EMBOSS_001	13796	GACGCAGACGAGCAGGAACAGAGC---GCCGAAGACAATGCAGCGAGGG 	13842
EMBOSS_001	13739	--CCCA-ATGATTATCAAGAGAACGAAGCTGAATTGAATGCAGCG CGAGT 13785	
EMBOSS_001	13843	GGCCGCTAGCCTAGCAAAAGTTACAA---GTGCCTGTGAATCTTTTAA	13889
EMBOSS_001	13786	TGCTGTTGAATTAGCTA---TTACTACGGGTTATAGTGGTATATTTTGA 13832	
EMBOSS_001	13890	AACCTGATGAAACATTGTACATTCAAGGTTTATCTATTTGGAAAAAAA 	13939
EMBOSS_001	13833	AGCCTGAAGAAACATTGTCCATTCAAGGTTCACTTATTTGGCAAAAG 13882	
EMBOSS_001	13940	CAATATTGAAATGGGTCCAATTGCCTCAGTCCCTAAACGGCTACAAG 	13989
EMBOSS_001	13883	CAATATCTAACGGTGTCAACTGCCACAATCATTGAAAAC----- 13923	
EMBOSS_001	13990	AATGGC-----ACCATTGTCTGATGCAATTGGATGATCTTCAAG 	14030
EMBOSS_001	13924	AATGGCAAGGTGTGGACCCTTGTCTGACTCTATTGGATGATCTTCAAG 13973	
EMBOSS_001	14031	GGACCCCTAGCTAGTATAGGCACTGCTTGGAGCGATCCATCTGAGACA 	14080
EMBOSS_001	13974	GCTCTCTAGCCAGTATTGGTACATCCTTGTGAGAGAGGAACAAGTGAGACA 14023	
EMBOSS_001	14081	CGACATATCTTCC---TTGCAGGATAACCGCAGCTTCCAT---ACGT- 	14123
EMBOSS_001	14024	CGGCACATTTTCCAAGTCGTTGGATA---GCTTCATTCAATGTT 14070	

EMBOSS_001	14124	-----TTTTTCGGTGAGAAT---CTTGC 	14161
EMBOSS_001	14071	AGCAATAAATTATTAAATCAGAACCTGGATT----TCCCCTAGGG	14116
EMBOSS_001	14162	TTCAATAAAGGTTTGA---CCTGGACAGTTAACACTCGTAAACCTC 	14207
EMBOSS_001	14117	TTCAATA-----TTGATATTCTT----GTT----TCAAAAAGCCTC	14150
EMBOSS_001	14208	TGGA---TTTCGGAACAATATCATTGGCAC---TAGCGGTACCGCAGGTG 	14251
EMBOSS_001	14151	T-TACCTTCTCGGAA-AAGTTAATT-GCCCTCATACG---CCCAAAGTT	14194
EMBOSS_001	14252	CTTGGAGGATTATCCTTCTGAATCCTGAGAAATGTTCTACCGGAATCT	14301
EMBOSS_001	14195	TTAGGAGGGTTATCATTTCGAATCCAGAGAAATTGTTCTACCGGAACAT	14244
EMBOSS_001	14302	AGGAGATCCAGTTACCTCAGGTTATTCCAGTTAAAAACTTATCTCGAA	14351
EMBOSS_001	14245	AAGTGATCCTCTCACTTCAGGTCTATTCACTCAA-----GAA	14283
EMBOSS_001	14352	TG-----ATTGAGATGGATGATTATTCT-TACCTTAATTGCA 	14389
EMBOSS_001	14284	TGCATTGGAATTCTTCTGAAAAGGAAGAATTATTCTATA-TTTGATTGCT	14332
EMBOSS_001	14390	AAGAACCCCTGG-----GAACTGCAGTGCATTGACTTTGTGCTAAATC	14432
EMBOSS_001	14333	AAAAAACCTGTTAGCAGA-----TGCCTCAGATTCGTTATGAATC	14375
EMBOSS_001	14433	CTAGCGGATTAATGCCCTGGGTGCGAAG---ACT--TAAC-TTCATT 	14476
EMBOSS_001	14376	CTTAGGGCTTAAATGTACCAGGAT--CAAGGGAAATAATAACGTTC---	14419
EMBOSS_001	14477	CTGCGCCAGATTGTACGCAGGACCATCACCTAAGTGC 	14526
EMBOSS_001	14420	CTTAGACAGACAGTCGTGAAAATATCACATCACATCGAAAATAGAAT	14469
EMBOSS_001	14527	TATTAATACCTTATT-----CATGCGTCAG---CTGACTTCGAAGACGAA	14569
EMBOSS_001	14470	AATAAATTC--TCTTTCCACAT-----AGGCTCTGATTAGAGGACCAA	14512
EMBOSS_001	14570	ATGGTTGTAAATGGCTATTATCATCAACTCCTGTTATGAGTCGTTTG 	14619
EMBOSS_001	14513	AGGGTGTGTGAGTGGCTTTATCATCAAACCCCGTAATGAGCCGATTG 	14562
EMBOSS_001	14620	GGCGGATATCTTTCACGCACGCCAGCGGGAAAGCGATTGCAAATTCTAG	14669
EMBOSS_001	14563	TGCTGACATCTTCAAGAACACCCAGTGGAAAACGGCTCAAGTCTTAG	14612
EMBOSS_001	14670	GATACCTGGAAGGAACACGCACATTATTAGCCTCTAGGATCATC-----A 	14714
EMBOSS_001	14613	GCTATCTGGAAGGAACAAGAACATTGCTAGCTTCGGACAATCAGTCTA	14662
EMBOSS_001	14715	ACAATAATACAGA---GACACCGGTTTGGACAGACTGAGGAAAATAAC- 	14760
EMBOSS_001	14663	AC-----TACAGAAGGGACA---ATGTTGATGAAATTAGGAAATTACA 	14704
EMBOSS_001	14761	-----ATTGCAAAGGTGGAGTCTGTTAGTTATCTGAT-CATT 	14801
EMBOSS_001	14705	AGAAACCGATGGAAAAG-----CTGGTTTCTTATATTGATGCACT	14745
EMBOSS_001	14802	G-----TGATAATATCCTGGCGGAGGCTTAACCCAATAACTGCACAG 	14846
EMBOSS_001	14746	GGACGATGAT-TTAT-----CTGAGTCTTAGAAAAATTACATGCACAG	14789

EMBOSS_001	14847	TTGATTAGCACAGATCCTGAGGGAAATTACATGGGCTCATAT-TTTAGA 	14895
EMBOSS_001	14790	TTGATGTAGCTAACCTTCTGAGGGCATATTACATGGTCTGACGTCTAAAA 	14839
EMBOSS_001	14896	GGGAAGACCTTATTGGAGGCCACACTCCCATGTATGATTGAGCAATT-- 	14943
EMBOSS_001	14840	GGGAA-AAGGCTAATTGGTGCACATTACCGTGTTACTAGAGCAATTAA 	14888
EMBOSS_001	14944	---CAAAGTG----TTTGGCTGA-----AACCTACGAACAA-----	14974
EMBOSS_001	14889	AGGTAAAGTGGATTAATTATCTGAGGATTAA---GGGAACAATTAA 	14934
EMBOSS_001	14975	--TGTC-----CGCAGTGTCAAATGCAAA-----GC 	14999
EMBOSS_001	14935	TCTGTCTTCAGACGCAGAG-TCAACTATAAATTGGCCATATGACTGC 	14983
EMBOSS_001	15000	AA-----CCAGGTGGAAACCAT-----TCGTGTCAG 	15026
EMBOSS_001	14984	AAGGAAC TGCGCCTTGGAGGAAGCAATGACACAGAGTTGAATTATGTCAG 	15033
EMBOSS_001	15027	T-----GGCA---GTCAAGAACAT---ATTGTTAGTGCAT 	15056
EMBOSS_001	15034	TTGTGCTCTGACCGGAAAGTTGTCCAGAACATCCCTCTGTTA---AT 	15079
EMBOSS_001	15057	GGCCTAACGCATCCGACTAAGC-TGGACTATCGGGGATGGAATCCCTTA	15105
EMBOSS_001	15080	CGTCT-----TGCTTGACGATAGGAAATCGAGCACCGTA 	15114
EMBOSS_001	15106	CATTGGATCAAGGACAGAAGATAAGATAGGACAACCTGCTATTAA-ACCA	15154
EMBOSS_001	15115	TATAGGCTACGGACAGAAGATAAGATCGGTTATCCT-CCCTTAAGAGTA 	15163
EMBOSS_001	15155	AAATGTCTTCCGCAGC-CTTAAGAGAGGCCATTGAATTGGCGTCCC GTT 	15203
EMBOSS_001	15164	AACTGCCCATCAGCAGCACTAA-AGAACGTTATTGAGATGGTCTCTAGAT 	15212
EMBOSS_001	15204	TAACATGGTAACTCAAGGCAGTCGAACAGTG---ACTTGCTAATAAG 	15250
EMBOSS_001	15213	TGTTATGGGTGACTCAAGGCAGTCAGACCGAGAGAAATTGCTTAT---T 	15259
EMBOSS_001	15251	CCATT-----TTGGAAGCACGAGTAATTT-----AAGTGTTC 	15284
EMBOSS_001	15260	CCTCTTCTCAATTGCA---GAGTAATCTGGACTATCAGACAGTGCTT 	15304
EMBOSS_001	15285	AAGAAAATCTCAAATGACCCCTTCACATTACTCAGGAAATTGTTCAC 	15334
EMBOSS_001	15305	A-----ACTTTTA----CCTACACACTACTCAGGCAATAGTTCAT 	15343
EMBOSS_001	15335	AGGTACAACGATCAATACAGTCCTCATTCTTCTGCAATCGTATGAG 	15384
EMBOSS_001	15344	AGATATAATGATCAATATGGACAACTTCTTTATGGCAAATAGAATGAG 	15393
EMBOSS_001	15385	TAATTCAAGCGCAGTG---ATTGTTCTACAAACACTTGTAGGTGAGTT 	15432
EMBOSS_001	15394	TAATACCTCACACG--TGCAATTATCAACTAACACACTGGTAAATA 	15441
EMBOSS_001	15433	TTCAGGAGGTGGCCAGTCTGCACCGACAGCAATTATTTCCAGAATG	15482
EMBOSS_001	15442	CGCAGGGGGAGGTCAAGCTGCAGTGTAGTAATATAATCTTCAAAATA 	15491
EMBOSS_001	15483	TTATAAATTATGCAGTTGCACTGTCGATATTAAATTAGAAACACTGAG 	15532
EMBOSS_001	15492	CTATTAATTAGGGTTGCAAGCTGCAGTGTAGTAATATAATCTTCAAAATA 	15535
EMBOSS_001	15533	GCTACAGATATCCAAT-----ATAATC--GTGCTCACCTC-----A 	15567

EMBOSS_001	15536	GCTA-----AATTGTCGTACATCATCAAATG-TCACTTCCGTTGA	15575
EMBOSS_001	15568	T-CTAACTAAGTGTGCACCCGGGAAGTACCAGCTCAGTA----TTTAA 	15611
EMBOSS_001	15576	TGTTAACGTAATGCTGCACACGGCATGTACCGTCCGAATACCTGTTTT	15625
EMBOSS_001	15612	CATACACATCTACA-TTGGATTAGATTAAACAAG-ATACCGAGAAAACG	15659
EMBOSS_001	15626	GATAAACCTTAGACGTGGAT----CTGAACAAGTATA--TGGATAATG	15668
EMBOSS_001	15660	AATTGATTATGACAATAATCCTC-----TAAAAGGAG--- 	15692
EMBOSS_001	15669	AACTGGTTATGACAATGACCCCTTGCAGTGGATTAAAGGGAGATTA	15718
EMBOSS_001	15693	-----GACTCAATTGCAATA-TCTCATTGATAACCCATTTTCAA 	15733
EMBOSS_001	15719	GGCAGAGTGTCTCGAT--CAACACTCTCATT-GA-----GTTGAA	15756
EMBOSS_001	15734	GGTAAACAGCTGAACATTATAGAAGATGATCTTATTGACTGCCTCACTT	15783
EMBOSS_001	15757	TGT---CAG-TG-ACATT-----GGTTCTTAT--GACTTTC-CAACT	15790
EMBOSS_001	15784	AT--CTGGATG-----GGAGCTAGCCAAGACCATCAT-GCAATCAATT 	15823
EMBOSS_001	15791	ATTGCTGCATGGACATTAGGAG-----AAACTATAGTCGGAAGC-ATT	15832
EMBOSS_001	15824	ATTCAGAT-AGCAACAATTCTCATCT----ACAGACCCAATTAG--CAG	15864
EMBOSS_001	15833	TTTTCTGATGAG-----TCTTCTCAAAGCACAGATCCAATAAGTTCAG	15875
EMBOSS_001	15865	--TGGAGAAACAAGATCATTCACTACCCATTCTTAACCT---TATCCA 	15908
EMBOSS_001	15876	GTTG---CACAAAAACTTCGTCACACATTTC---CTTGTGTATCC--	15915
EMBOSS_001	15909	A---GATAGGACTTCTGTA--CAGTTTGGGCCTTGTAAGTTATTA-- 	15951
EMBOSS_001	15916	AGTTGAGAGTA-TTTTTATGCA--TTTGGAGC----TAACTTAATAGT	15957
EMBOSS_001	15952	-----TCTTGGCAATA---CAATTCTCGGACT-AAGAAATT 	15984
EMBOSS_001	15958	AGAAAGTTAAGTCT---AAATAGGATCAAATC----AATCAAGAACCT	15999
EMBOSS_001	15985	GACACTTGACAATTTTATATTACTTA-ACTACCCAAATTCA-TAATCT	16032
EMBOSS_001	16000	CTCA---GA-----TTAACATTCTTATATCATCCACAATCAGGAATT	16041
EMBOSS_001	16033	ACACACATCGCTCATTGCGAATCTTAAGCCAACATTCAAACATGCAAGCG 	16082
EMBOSS_001	16042	ATCACATAGATCACTCGGATTCTCAGTCTACTTCCGACATGAATTGG	16091
EMBOSS_001	16083	T-----TATGTC-----ACGGTTAATGAGTATTGATCCTCA 	16113
EMBOSS_001	16092	TGCTCACCCGACTA-GCCCACCACATACCGTTAAT-----	16125
EMBOSS_001	16114	TTTTCTATTACATAGGCGGTGCTGCAGGTGACAGAGGACTC-TCAGAT 	16162
EMBOSS_001	16126	TTCTTTGATGT---TAGGGGGCTCTGCAGGAGAGAAAAG-TTCATCAGAT	16171
EMBOSS_001	16163	GCGGCCAGGTTATT--TTTGAGAACGTCT-----ATTCATC----TT 	16199
EMBOSS_001	16172	GCCGTCCGGCTATTCTACAGCAAGT-TATCAGAATTTCATCAACAAATT	16220
EMBOSS_001	16200	TTCTTACATTG-----TAAAAGAATGGATAATTATCGCGGAACAATTG 	16244

EMBOSS_001	16783	AGGT CATCAAATAATCTCAC----- 	16802
EMBOSS_001	16965	AGTTCTGACA-ACTCTACCGGGACAGAAATTAGGTACAAGTCCATT	17013
EMBOSS_001	16803	---ACCGTCTAG---TCCT-ACCTT-----TCTTTACATTATC 	16833
EMBOSS_001	17014	ACAACCCTCTAGATATTCATCAACTCCAAGGAACGGTCTCTAC--TATC	17061
EMBOSS_001	16834	TCAAG-GGACACGC-----CAAT-TAACGTC 	16857
EMBOSS_001	17062	T--AGAGAACAGCTTCATATTGTATGTTGATTGCAGCAATATTCTTC	17109
EMBOSS_001	16858	-ATCT-----AATGAGTC---ACAGACCCAAGACG 	16883
EMBOSS_001	17110	TATCTCTCTAGACCCGGGTTTCGGAATATGTCTGATCAGAACATCAAGTTC	17159
EMBOSS_001	16884	AGAT---ATCAAAG--TACCTACG-GCAATTGAGATCCGT CATT-GATA 	16925
EMBOSS_001	17160	AAATGTTAACATGCCTATAAACGTG--ATTACATGCTTGTTCGATA	17207
EMBOSS_001	16926	CCA--CAGTTATTGAGGTTACCGGTATAGTCTCGTCATGCATTACA	16973
EMBOSS_001	17208	GCAATCAATT--CTGTCGTTTACTGGGGTAGTCTCATCAATGCATTACA	17255
EMBOSS_001	16974	AACTGATGAGGTCTTT-----GGGAAATAGAGAGTTTAAG---T 	17012
EMBOSS_001	17256	AGCTTATGA--TCTTTGCCTCCAGGTGAGTGAGA----AAGGCAAT	17298
EMBOSS_001	17013	CGGCTGTGACGCTAGCAGAGGGAGAAGGTGCTGGTC---CTTACTATTG	17059
EMBOSS_001	17299	TTGCT-----TGGCTGAAGGGGAAGGAAGTGGTGCTCGGTTACTTTG	17341
EMBOSS_001	17060	ATTCAGAA--ATACCAAGTTAACACCTTATTTTCAACACGCTAGCTACT 	17107
EMBOSS_001	17342	AAGTGGAAAGGAACTGA-TTA---TTTATTCTAACACTCTGGCTACA	17386
EMBOSS_001	17108	GAGTC-CAGTATAGAGTCAGAAAT---AGTATCAGG--AATGACTACTC 	17150
EMBOSS_001	17387	GATTACAGCA-AGAACAGAGATCTGAGTGGCAGGGTAAT----AC	17429
EMBOSS_001	17151	CTAGGATGTTTACCTGTTAT-GTCAA-----ATTCC 	17183
EMBOSS_001	17430	CGAGAACATG-TTGTA--TAATATAGACAAATTAGTGGTTGCTGAATCA	17476
EMBOSS_001	17184	ATAATGACCAA-ATTGAGATTATTCTAACACTC-AGCAAGCCAAATAA 	17231
EMBOSS_001	17477	AGAA-GACTAATATTG-----AACAA-TCTAACTATCAAATTAA	17513
EMBOSS_001	17232	CAGACATAACAAATCCTACT-TGGTTAAAGACCAAAGA---GCAAGGC 	17276
EMBOSS_001	17514	CAGATATTACAAATCC-ACTATGGCT-----AGATTCTGTAATAC	17552
EMBOSS_001	17277	-----TACCT-AAGCAAGTCGAGGTTATAACCATGGATGCAGAGACGAC 	17319
EMBOSS_001	17553	AATATTACCTGAAGATAGT-GACATTCTACAATGGATGCAGAGACCAC	17601
EMBOSS_001	17320	AGAGAAATAAAACAGATCGAAATTGTACGAAGCTGTATATAAACT----	17364
EMBOSS_001	17602	TAAGGAT-GAAACA-AGGGAA-----CAGCTTATA-AGACTATTGT	17640
EMBOSS_001	17365	-GATCTT---ACAC-----CATATTGATCCCAGCGTATTGAAAGCAG	17402
EMBOSS_001	17641	GAATATTGGACACGTACTCTCTTAAT-ATCCCC-----AAAATTAG	17682

EMBOSS_001	17403	TGGTCCTTAAAGTCTTCCTAAGTGATAC--TGAGGGTATGTTATGGCTAA 	17450
EMBOSS_001	17683	T-ATCATCAAGGTGTTTTA--TTAGACTATGAAGGGACTTTAT-TCTTA	17728
EMBOSS_001	17451	ATGA-TAATTTAGCC---CCGTTTTGCCACTGGTTA-TTTAATT---- 	17491
EMBOSS_001	17729	ATGAGGAAT---GCCATTCAAGTATTATG----GGCAAGTTCAACTCAAG	17770
EMBOSS_001	17492	AAGCCA-ATAACGTCAAGTGCTAGA---TCTAGTGAGTGGTATCTT-TGT 	17536
EMBOSS_001	17771	AAACCATA TAGC-TCAAATGCAAAAAACTC---AGAATGGTA-CTTGTGT	17815
EMBOSS_001	17537	CTG-----ACGAACCTCTTA--TCAACTACACGAAA--GATGCCACACC 	17576
EMBOSS_001	17816	-TGC GGTA AACGAA---GAATTCAACGACTCCAAATTGATTCTC---	17856
EMBOSS_001	17577	AAAACCA-----TCTCAGTTGAAACAGGTAATACTTACGGCA 	17614
EMBOSS_001	17857	-AGACCAGGTGGGAATTTCTGATTGTAAA---GCAAT-GTCGCGCCA	17901
EMBOSS_001	17615	TTG-CAACTGCAAATTCAACGGAGCCCATACTGGCTAAGTCATT---AA	17660
EMBOSS_001	17902	GAGACAA--GCAATT-----CCTTATTGGTAAAACATATAGAAA	17939
EMBOSS_001	17661	CTCAGTATGCTGACTGTGATTAC---ATT-----TAAGTTATATCCGC	17701
EMBOSS_001	17940	AGAATTATCCTG-CT-TCA-TTACACGAATTTCTTA CTT-----	17978
EMBOSS_001	17702	CTTGGTTTCCATCATTAGAGAAAGTACTATACCA CAGGTATAACCTCGT 	17751
EMBOSS_001	17979	-TAGGTTTCTCTTTAGAGTCATCTTCTGCCACCGTTATA--CTATT	18025
EMBOSS_001	17752	CGATTCA-----AAAAG-----AGGTCCACTAGTCTCTAT- . .	17781
EMBOSS_001	18026	CCATTCA GTGAAGGAAAGGCTCTTTCTAAGGTCC---AGTCT-TATG	18071
EMBOSS_001	17782	-----CACTCAGCACTTAGCACA---TCTTA---GAGCAGAGAT 	17814
EMBOSS_001	18072	TTCGTCAAGGCAAACAACATT---ACATTCTCTTATGTTG-----GAT	18112
EMBOSS_001	17815	T-CGAGAA-----TTAACTAATGA-TTATAATCAACAGCGACAAAG . . .	17853
EMBOSS_001	18113	TACGAAAACAATTCACCTTACTA--GACTT-----GAGAA--	18146
EMBOSS_001	17854	TCGA ACTCAAACATATCACTTATT CGTACTGC----AAAAGGACGAAT 	17898
EMBOSS_001	18147	-----ATCACTTATT-----TGCTCATTAAAGGGAAAGAT	18177
EMBOSS_001	17899	CACAAA ACTAGT-CAATGATTAT-TTAAAATTCTTCTTATTGTGCAAGC . .	17946
EMBOSS_001	18178	AACTAAA-TATTACAATGA-TATATTAAAGTTAAATCTAGTCATCAAAGC	18225
EMBOSS_001	17947	ATTAAA ACATAATGGGACA---TGG-CA-AGCTGAGTTAACAGAAA---TT	17988
EMBOSS_001	18226	CGTAGAA---AAAGGTAAAATTGGTCACAGCT-TGTT---GAGACCCTT	18268
EMBOSS_001	17989	ACCAGAGTTG-ATT-AGTGT----GTGCA-ATAGGTTCTACCATATTAG . ..	18030
EMBOSS_001	18269	CCCA-ATATGCATTCAAGTATGCATAGTACACGTAG----ACCAT---G	18308
EMBOSS_001	18031	AG---ATTGCAATTGTGAAGAACGTTCTTAGTTCAA---ACCTTATAT 	18073
EMBOSS_001	18309	AGTGT TTTGGA---TGC GAAAACGGTTATTACTAAATTGGA---TTTTAT	18354
EMBOSS_001	18074	T----TACATAGAAT-GCAGGATTCTGAAGTTAA---GCTTATCGAAA	18113

EMBOSS_001	18355	TAGAAATACA-AAAATCGCAG-----AGAAAAATTGCTTA---ATA	18392
EMBOSS_001	18114	GGCTGACAGGG---CTTCTGAGTTATTCCGGATGGTCTCTACAGGTT 18160 	
EMBOSS_001	18393	GAGTAATCGGGTATATCCTG---TTCTTCGGTCTGTTAAGTCT 18439	
EMBOSS_001	18161	GATTGA--ATTACCGTGCATAGTATCCTGATACTTGCAAAGGTTGGTTAT 18208 . .	
EMBOSS_001	18440	G---GATCATTAGGGCATA-----ACT-----T 18460	
EMBOSS_001	18209	CAACATACAGATTATAAAAAACTCATAAATTGCTCTCATACATCATATTG 18258 . . .	
EMBOSS_001	18461	TAACAGAGAGA-----ACTTCAT--- 18478	
EMBOSS_001	18259	ATCTGATTCA-ATAAACAA-CTATTTAAATAACGAAA---GGAGTCCCT 18303 	
EMBOSS_001	18479	---TTAATTCAACAAAATAATCTATTTA-----AAAGTGGGGT--- 18514	
EMBOSS_001	18304	ATATTATACACTATTTAGCCTCTCCCTGCGTGAT-----AATC 18345 	
EMBOSS_001	18515	-----TAAATT-----TCT-----AGGGTGTGTATGAGAAATC 18544	
EMBOSS_001	18346	AAAAAAATTACAATGCAGCATGTGTGACA-----TATTAATG-CC 18384 	
EMBOSS_001	18545	ATAAAATAAACAA-----GAAAAAGAAAAAGCTATTAGACA 18580	
EMBOSS_001	18385	GCAATGAATTAAACGCAACATAATAAACTCTGACTCTTATAA---TT 18430 	
EMBOSS_001	18581	GC--TTACTTT-ACAGAAGATAAT-----CTTATAACGCTTT 18614	
EMBOSS_001	18431	AAGCTTTA-AC-----GAAAGGTCTGGCTCATA-----TTGTTATTGA 18468 	
EMBOSS_001	18615	AGGCCCTACACAGGTTAGAAAATTACGCGCACAGATTAACTTGTGATTGA 18664	
EMBOSS_001	18469	---TATAATAATGTTATATCAATGTCTGTCAGATGGAATAGTG---TTT 18512 	
EMBOSS_001	18665	ACGTTCA----GTTACAACAATG-----GTGACTTT 18692	
EMBOSS_001	18513	TGGTTGATAACACG--ACTTCTAAAACAAATTGATCTTAAGATTAAG 18560 	
EMBOSS_001	18693	T-----CACGTTGGTTATTCAAACATTATTGATC----- 18721	
EMBOSS_001	18561	TTTTTATAATTATCATTACTTTAATTATCG-ATTGAAAATGG---TA 18606 	
EMBOSS_001	18722	-----ATAATTAGTGTAA-----GCATTGGCACATGGGTGA 18753	
EMBOSS_001	18607	ATAGCCTTAATCTTGT--GTAAAAT----AAGAGATTAGGTGTAATA- 18648 	
EMBOSS_001	18754	AT--CCTTGAACTTATCCCTAATATGAGGCAAGAGATTAAG-GAAATAC 18800	
EMBOSS_001	18649	-----AC---TTAACATTTGTCTAGTAAGTTACT---ATTCAT 18684 	
EMBOSS_001	18801	TGAGATATACTGGTTGAAC-----TGAGTTA-TGACATGCCAT 18837	
EMBOSS_001	18685	ACAGAATGATAAAATTAAAAGAAAAGCAGGACTGT----- 18720 	
EMBOSS_001	18838	A---TATCATAAAATATAAAAGA-----ACTGTTGCTATAATCTAT 18875	
EMBOSS_001	18721	-----AAA-----ATCAT----- 18728 	
EMBOSS_001	18876	AAGCCTCTTTAGATACATTGGAGAAAGAACGAGGTTATGAGAT 18925	
EMBOSS_001	18729	--AAATACCTTCTTACA-----ATA-----TA 18749 . .	

EMBOSS_001	18926	CGAAAAACCTACGTTACATTTCTCTGATGATAAGTGATAAAAATTCGTA	18975
EMBOSS_001	18750	GCAGA---CTAGATAATAATCTTGTGTTAATGATAATTAGACATTGA 	18795
EMBOSS_001	18976	GCTAAATTCCTAG----AATGTTAATGTGAATGTAATTAGAAA--AA	19018
EMBOSS_001	18796	CCACGCTCATCAGAAGGCTGCCAAAAT---AACGTTGCAAAAG---- 	18838
EMBOSS_001	19019	CCAATAT-AT-----AAAATTAAAAAAGT---AAAAAGCTT	19051
EMBOSS_001	18839	GATT CCTGGAAAAATGGTCGCACACAAAA-ATTTAAAATAATCTATT 	18887
EMBOSS_001	19052	GATACAAGTA-----ACACAAAACATT-----CTT	19076
EMBOSS_001	18888	CTTCTTTTTG----- 18898 . .	
EMBOSS_001	19077	CATCTTTTAGTGTGTCCA	19095

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