

CLUSTAL O(1.2.4) multiple sequence alignment

```

JQ678788.1 -----
0
MF197515.1 -----
0
NC_003070.9:c26796532-26795052 -----
0
XM_002273955.3 -----TTTTCTCTC-----TT
12
AM259485.1 -----
0
NC_024798.2:c16675765-16671892 AAAACAAAAAATTAATGTAAAAGAAACAAACCGACAAATAATATTATAAATAAAATAAAT
60

```

```

JQ678788.1 -----
0
MF197515.1 -----
0
NC_003070.9:c26796532-26795052 -----
0
XM_002273955.3 TTGTGAGCATTATGCTGAGAGTCTCCTCCTCTCATTCA-CTGTACATATATAAATATAGG
71
AM259485.1 -----
0
NC_024798.2:c16675765-16671892 TTATAAGACACAATCCGCGCGAAGCGCGGAAAAAATCTCTAGTATATATAA-TAAACAGA
119

```

```

JQ678788.1 -----
0
MF197515.1 -----
0
NC_003070.9:c26796532-26795052 -----
0
XM_002273955.3 GTAGTTGGGTTCTTATCCCCATC----AAGAAGG-----GTAGATGATACAGGGACCC
121
AM259485.1 -----
0
NC_024798.2:c16675765-16671892 CTAAATGTCTGCATCGCATGCTTCCTTTAACTTCTTTACCCCTCAAAAAACTCCATACCC
179

```

```

JQ678788.1 -----
0
MF197515.1 -----
0
NC_003070.9:c26796532-26795052 -----
0
XM_002273955.3 ATCACCATCCTAGCTCTTAAAAGTTAAAACCAAGCTGCCAAGCCTTAGAAAACTCTCTCT
181
AM259485.1 -----
0
NC_024798.2:c16675765-16671892 ATCCAACACCTGGCCGTCTAATCATTTCACTCATTTGAGGAGAA--AAAATACTAAAA--
235

```

```

JQ678788.1 -----
0
MF197515.1 -----
0
NC_003070.9:c26796532-26795052 -----
0
XM_002273955.3 CTCTCTCTCTCTGAGTTTGTTCACACACAAAAGAGAGAAGAAAATGGCTGAGAAG
241
AM259485.1 -----ATGGGCAGAGCAC

```

13	
NC_024798.2:c16675765-16671892	-----TTTTGGTTATTTTCTTGAGAGTGCAACCGGGAAAAATGGGAAGAGCAC
284	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	-----CGACACACTTCCACATTCATGATTCCACAAATT-----
33	
XM_002273955.3	GAAGTGAAGTCAATTGGGTCTGTGAAAGATGTGAGGAAGGAAATGAATAGGGGAGCATGG
301	
AM259485.1	CTTGT-----TGTTCTAAGGTTGGTTTGCATAGAGGTTTCATGG
51	
NC_024798.2:c16675765-16671892	CATGT-----TGTGAAAAATGGGGATGAAGAGAGGACCATGG
322	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	-CTAATGGATTTGAACAAATATGG-----
56	
XM_002273955.3	ACAGCAGAAGAAGATAGAAAACCTGGCTGAGGTTATTGAAG-----
341	
AM259485.1	ACTGCCAGAGAAGACACATTGCTGACCAAGTATATTCAGGCTCATGGTGAAGGCCACTGG
111	
NC_024798.2:c16675765-16671892	ACTCCTGAAGAAGATCAAACCTTGATCAACTATATTCATCTCTATGGTCATTCTAACTGG
382	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	-----GACCAATTTT-----ATTGTTTC
76	
XM_002273955.3	-----
341	
AM259485.1	AGATCTCTCCCCAA-----
125	
NC_024798.2:c16675765-16671892	CGAGCCCTTCCCAAACACGCAGGTGATTTTCATTTATTGTGTATATTTATTTTCTATCAC
442	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	AACTCCTAAATGTGGGACCAATTAACAAGGTTGATGTATTCTTCTTGTCTTCTCCTCGTTC
136	
XM_002273955.3	-----TCCATGGTGCCAAG--AGGTGGAAGATGATTGCAA-CCACAGCAGGTT
386	
AM259485.1	-----GAAAGCTGGTC
136	
NC_024798.2:c16675765-16671892	TACTTCTTGATCTGTAAGCAATACGT--TTTTGGTGTTTCTTTGGAA-AATTCTTAGGAT
499	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	ATTAATAGTTTGATTGAGCATGCACGCTTCTCTCA-----ACCCACCA----
179	
XM_002273955.3	TGAATCGGTGTGGGAAGAGTTGCAGGCTTCGATGGATGAATTATCTAAGACCCAACATCA
446	

AM259485.1	TTTTGAGATGTGGGAAGAGTTGCAGGCTGAGATGGATGAATTATCTAAGGCCGGATATCA
196	
NC_024798.2:c16675765-16671892	TACTTAGATGTGGAAAAAGTTGCAGACTTCGCTGGATTAATTATCTGAGACCAGACATCA
559	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	----GTCCAAGTCAAACCTCCTCAAGCCATCCCCTAATCCTATATATCAGTTTCTTCTC
234	
XM_002273955.3	AGAGAGGCAACATATCAGACCAGGAAGAGG--ACTTGATACTCAGGCTTCACAAAC----
500	
AM259485.1	AAAGAGGAAACATCACGCCGGACGAAGACG--AC-----
228	
NC_024798.2:c16675765-16671892	AACGTGGCAATTTCACCCCTCAAGAAGAAC--AAACTATCATCAATCTACATGAAGTGTT
617	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	GCAAACCA-CCTCACAATCTAT--CAACAGTTTTAAAAAAGACATAACTCAACCAATC
290	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	GGGCAACAGGTTTGTCTTCTTTTTTTTTTGGTTAAAGAGAACTAATAATCAATTTGTTC
677	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	TCACTTTGAAAAAGACATGAACAAAACCCGCCTTCGTGCTC-----
331	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	AATGTTTTCTTGAAGAAGGATCAAAAAC-TGTTTCTGGTTCGAAGATTTTGTATTTTCCT
736	
JQ678788.1	-----
0	
MF197515.1	-----
0	
NC_003070.9:c26796532-26795052	-----TCTCCCCACCTCCGGTAACTATTTTCTCTTTAAACA-GTATTAATCATGTGTT
384	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	TTAATTTTACTTCAACTCCCTTTTACTCTTCCACTTTGCAAGTTTATAAAATGATCATTT
796	
JQ678788.1	-----
0	
MF197515.1	-----GACCACATTCAAATC
15	
NC_003070.9:c26796532-26795052	TTGCTATTCACATC--ACCAAATT----ATTCATAGTTTAAAGAGGTCGATGTAGAATTC
438	
XM_002273955.3	-----

500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	TTGTTATTTCCGTTTGCAAAATATTTAATTTGTTTTTAACACT-----GTGGGGCTG
850	
JQ678788.1	-----
0	
MF197515.1	TTTGTT-----CTCCACATATACTCTTCCTTAATT
45	
NC_003070.9:c26796532-26795052	ATAGATATACATGTGTACATACGTGACTTTGTGACGATATATCGTTTTAATTTGTTAAAT
498	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	AGGATATTCATTATTTACACCCGTGATTACTCAGTCTCGAAAGATTTGTTTTCAGAGTT
910	
JQ678788.1	-----
0	
MF197515.1	AGTACTCCAA-TTCATTTAATTA-----AAGTTTTATTTCTCTTGATGG-----
88	
NC_003070.9:c26796532-26795052	TTTGATCCCTTCTCTTAGGTATGCAACACCGTAAGAGATGTCGATTGAGAGGTCGAAACT
558	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	TTTAAA-----AGAAAAATAAAACAACCTTCA--ATGTTACTCTTG--
950	
JQ678788.1	-----
0	
MF197515.1	-----CAGA-----TTGGAATAGATCAAGCACATCAGATAATGC
122	
NC_003070.9:c26796532-26795052	ACGTAAGGCCAGAAGTTAAACAACGCAACTTCTCAAAAGATGAAGACGATCT-----
610	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	-----ACAAGATACGCACCTCGGCCAATGCAAAACATATGGCGTATATTAGCTTTTGT
1003	
JQ678788.1	-----
0	
MF197515.1	CTCAGTGGTCTCACC-----TGATTCGACCCGAGTGGTTGCATTAGAGACTACCA-
172	
NC_003070.9:c26796532-26795052	-----CA-----TCCTCAAGCTTCA-TGCACTTCTTGGCAATAG
643	
XM_002273955.3	-----
500	
AM259485.1	-----
228	
NC_024798.2:c16675765-16671892	TTTGTTGTCATCTTCTATGTATGATGTATCTCCATGTTTGC-TGCTTTAAAGGCAATAT
1062	
JQ678788.1	-----
0	
MF197515.1	---ACGAAGAAACC-----TCTAACTTGAATTTTCAGAAGATGAAG-AAATGCTCAT
221	
NC_003070.9:c26796532-26795052	GTTTCGTATTCATTCTTCTTATTCTTTAATTCAATAGTAATGTGAACGGT---ACGTGCT
699	

XM_002273955.3	-----
500	
AM259485.1	-----CTAATTATCAGACTGCA
245	
NC_024798.2:c16675765-16671892	TTAACTAATAAATTGATGAAATCCATAATATATCATATGTAAGACACTTTTCTAATAGTG
1122	
JQ678788.1	-----
0	
MF197515.1	TGCTAAATGTTTCAGCTTGGTTAGAGAGAGGTGGTCATTAATTGCTGGAAGAATCCCAGG
281	
NC_003070.9:c26796532-26795052	AATAATCATTTTGTATGTTATGTTTTTTCAGATGGTCATTGATAGCGGGAAGATTGCCAGG
759	
XM_002273955.3	-----TCTTGGGAAACAGGTGGTCTTTGATTGCTGGAAGATTGCCAGG
543	
AM259485.1	TTCAC-----TTTTGGGAAATCGGTGGTCTCTCATCGCAGGTAGGCTTCCAGG
293	
NC_024798.2:c16675765-16671892	TTTACTTTTGTGTTGTTGTTATTAATTTAGATGGTCTGCGATTGCTGCAAAGTTGCCAGG
1182	
JQ678788.1	-----
0	
MF197515.1	AAGAAATGCTGATGAGATTGAAAAATATTGGAAATCAAATACTCCAAAAGCCAGGAGGA
341	
NC_003070.9:c26796532-26795052	ACGAACCGACAACGAAGTTAGGATCCATTGGGAAACTTACCTAAAAAGGAAGCTCGTAAA
819	
XM_002273955.3	TCGAACAGATAATGAGATAAAGAACTACTGGAATTCTCATTTGAGCAAGAAAATAAGCA
603	
AM259485.1	TCGAACCGATAATGAGATCAAGAACTACTGGAACACCCATCTGAGTAAGAAGCTAAGAAG
353	
NC_024798.2:c16675765-16671892	ACGAACCGACAATGAAATAAAAAATGTTTGGCACACTCATTTGAAGAAAAGACTCAACAA
1242	
JQ678788.1	-----
0	
MF197515.1	AATACAGGCCCAAT-----
355	
NC_003070.9:c26796532-26795052	AATGGGAATCGACCCAACC-----AATCATCGTCTCCACCATCAC-----ACCA
863	
XM_002273955.3	GGAGAAGCAAAGTGGAGGTTCAACAAGAGGCTGCTCC-----AACTTCAGAGAACA
655	
AM259485.1	TCAAGGAACAGACCCAATACCCACAAGAAAATGACAGAGCCTCCTGA-GCCCAAGAGGA
412	
NC_024798.2:c16675765-16671892	AAATCAAAACAATGGCGGAGACGCCAAGGATATTAACGGTTCTAACGACACCACACACGA
1302	
JQ678788.1	-----
0	
MF197515.1	-----
355	
NC_003070.9:c26796532-26795052	ACTACATTTCTAGACGTACCTCCAT-----TCTTCAC-----
896	
XM_002273955.3	---AGAGTGGTAGAGGAGGTGAATGTTGTAGAGGTG---AAACGAGAGG-----
698	
AM259485.1	GGAAGAACACAAGAACAAGAACCAACAATGGCGGAGGCAGCAAGAGGGTCAAGATCAGCA
472	
NC_024798.2:c16675765-16671892	-----AGACAAAGAGCCTGTGGT-----GGTCCACACAACCT
1334	
JQ678788.1	-----
0	
MF197515.1	-----CTCAAGATGA-----
365	
NC_003070.9:c26796532-26795052	-----ATAAGGAACATGAAAC-----

912	
XM_002273955.3	-----
698	
AM259485.1	AGGACCAAGAAAATTCCAATCACAAAGTCCATCTCCCCAAACCGTTAGAGTCACCTCCT
532	
NC_024798.2:c16675765-16671892	CTCCGCAACAGTTTTTCAAATAGCACTACGACACTCGACATATCAGATAATAATAACAAGG
1394	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	-----CAAGATTATTAGTGATCAATCTTCTTCGGTATCCGAATCATGTGGTGTAACAA
965	
XM_002273955.3	-----
698	
AM259485.1	TAATCTCCATGTCGAGGAACAACAGCTTTGAATCTAATACA-----GTCAGCGG
581	
NC_024798.2:c16675765-16671892	ACGATACGATGTCGCACGAGGATATTTCTGCATTGGTTGATGAGAGTTTTTGGTCAGAGG
1454	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	T-----TTTGCCATTCCAAGTACC-----AATTGCTCGG
995	
XM_002273955.3	-----
698	
AM259485.1	G-GGCTCGGGCTCGAGTTCAGGAGGAAATGGAGAAAC-----GCTTCCATGGCCTAGT
633	
NC_024798.2:c16675765-16671892	TCGTATCGGTAGATAATTCGAGTAACAATGAGAAAAAGATTGAAGGTTGGGAAGGATTGC
1514	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	AGGATAGTACTAGTACCGGACGAAGTCATTT---GCCTGACCTAACATTGGTCTCATCC
1052	
XM_002273955.3	-----ACACCTCTA---ATGGAGGTGATCAATGCTCGAAAATGAGCTTCAATGT---CG
746	
AM259485.1	TTCAGAGACATCCGGGACGACAAGGTTATTGG-----GG
667	
NC_024798.2:c16675765-16671892	TAGAGAGGAATAGTAAGAGACATAGTTATAATAACTCGAAGTTGTATAATGATGACATGG
1574	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	CGGCCGT---GACTTCTTTGCCAGC--TCTTTGCCTTCAGGACTCTAGCGAATCCTCTA
1106	
XM_002273955.3	ACGAATTCTTTGATTTCTCCGAGGAGGGTCCTC-----
779	
AM259485.1	TTGACGGGGTTGACTTCTTCATCGGAGATGATCAAGGTCAAGACCTGGTCGCCAGC----
723	
NC_024798.2:c16675765-16671892	AGTTCTGGTTTGATCTTTTCACTAGCTGTCGTAGGATTGAGGCATTTTCCGACATACCTG
1634	
JQ678788.1	-----
0	
MF197515.1	-----
365	

NC_003070.9:c26796532-26795052 1144	CCAATGGTTC-----AACAGGTCAAGAAACGCTTCTTCTATTC
XM_002273955.3 833	----TGAACCTAGAGTGGGTGAGCCAATTC--CTTGAACTGGATGAGGGCTTATGCCATC
AM259485.1 778	---TCCGATCCAGAATCACAAATCCACATG--CCACCAACTGACAACTCTCTGGAGAAAC
NC_024798.2:c16675765-16671892 1694	AGTTCTGACTTTGAGTTTGTGTTGTTTTGTGCGTTAAGGCTTGAAAGCTTTTTGTAAAC
JQ678788.1 0	-----
MF197515.1 365	-----
NC_003070.9:c26796532-26795052 1193	CGA-TG-AGAAATGGTGTAT-----TTGTTTGT-ACACATTGTT--ATATTACAAATG
XM_002273955.3 866	CTTCAT-AAACTGTAAAGACTTTGTTATCTCTCC-----
AM259485.1 832	TGTATGAAGAGTATCTGCAA-----CTGCTTGAGCGAGAAGACACTCAAGTTCAGCTTG
NC_024798.2:c16675765-16671892 1754	CAAATGAATAAATTTAAAGTTGTTTCTGTTTCTCTACGTTAGTTGCATGTAAAATATG
JQ678788.1 0	-----
MF197515.1 365	-----
NC_003070.9:c26796532-26795052 1248	CACATA-----TTATAATATTCACTAGAGAGATGGTATAACGATGTTTGAAATATGTTAA
XM_002273955.3 866	-----
AM259485.1 837	ACTCC-----
NC_024798.2:c16675765-16671892 1807	AATCGATTACATCATTTTAACCATTTTCAGAAGAGCCATTTCTGAAGTC-----AAATAA
JQ678788.1 0	-----
MF197515.1 365	-----
NC_003070.9:c26796532-26795052 1307	TCCT-GAATTGGACCGGCTGGTCATTGAACAACCTATTCTCTTAAATGTCCGGTTCTGTTT
XM_002273955.3 866	-----
AM259485.1 861	-----TTCGCCGAATCACTACTCATTTAA-----
NC_024798.2:c16675765-16671892 1867	TGTTTCGATTTAGTAGTATTCACATTCAGTTATTTTTTCATTTTAACTATACTACTATTT
JQ678788.1 0	-----
MF197515.1 365	-----
NC_003070.9:c26796532-26795052 1345	TCAGTGATTAGTATTATAG-----TAGATCGTTAATAACTAAC
XM_002273955.3 866	-----
AM259485.1 861	-----
NC_024798.2:c16675765-16671892 1927	TTTCGCTATAATTTTATATTTATATGTTATAAGAATTTAGTTTTGTGGTTAAGTTCGATG
JQ678788.1 0	-----
MF197515.1	-----

365	
NC_003070.9:c26796532-26795052	CG-ACGATAACCGCTGCTTATTTGATCAATCAAGCTGTA--AGAAATTATAGCTAATACA
1402	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	ATTTCAAAAGCTTCTGCAGACTCCTACGTCCAGAATATACAAAATATTACAGATTATGTA
1987	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	GCAATGTTAACGGTGCACATTGACGGGAAGTATTAATTAACTCTCTTAAATGGACAAGT
1462	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TTA-----AGTATGTCAGTTGTCTATCCATTATAGTTTCATATACTGCAATTTGCATAT
2041	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	ATGTTTCATTTTCTCCAAA-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TGTAATGTTTTCTTTAAAAAGTATATTGTAATATTTTCCCATTTGCAGTACTTTAATCC
2101	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	ATTAATAGCAGCAGTAGTTATTTCTTTGTTTCATAATTATTAACTTTTAAACGAATAA
2161	
JQ678788.1	-----
0	
MF197515.1	-----
365	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	ATGAAAAGAAATATATTTTGTAGACCTTAAATCTGTGGATGGTCCCTAGTCTAAGTAAA
2221	
JQ678788.1	-----
0	



MF197515.1	-----AGCTCATGGCATTAGATTGATAGAGAA--AACTGGG-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	CATCAACGTTTACACCATTTCGGTTCAAATATCATAAGCTGGTTATTGGATTGAGACTATT
2281	
JQ678788.1	-----
0	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TGATTGAACAATTACAATGATAAAAACGTGATTAGGTGAAAACGAAGATGTAATAATTAA
2341	
JQ678788.1	-----
0	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	AGTTGACGCATACGTAATATCGCACACACTGAGATCGTTCCTTTGAACTTTAAATATAAAC
2401	
JQ678788.1	-----
0	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	ATCATCCTAAAACATTCTCTATTTTGTTTAAGGCTATACTGGTTCACGTTTTAAATCTTG
2461	
JQ678788.1	-----
0	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	ATAAATTAAGAATATTTTATGAGCAAACAAAAGTTGGATAATATATCACAACAAAGCTTT
2521	
JQ678788.1	-----AGTTGTTTAGCTG-----GAAAAGATGATGGAGCC

30	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TTCCAAAGGCACTCAGTTAAATAATAAATATTATTTGATGTTTTAAGAACTGTTTTGGTT
2581	
JQ678788.1	GGGCCGTTTTTTCTTTGAACCTTCGCCGTCGTCGGCGGTTTGCCAGCAAGGTGGTGGTGG
90	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TAGCTTTATTTTCTT---ATATTAAATTTTA-TGGATACTTAAGATTAATATAGTATTGA
2637	
JQ678788.1	CAACATGTTGTTCTT-----CGGCAATCCTGATCACGGTTTTTCGAG
131	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TAAATCTTAATCTCTAAAACCATTTGTGAAAATATAACTATCCACTCCAAAATTTTCATGG
2697	
JQ678788.1	GGCAAAGATCGATGA-----TGGGATTGA
155	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	AACATAAATTATATATATATAGTATATATAAAATTTTGGCCAATCCACTCAAGATCTTAA
2757	
JQ678788.1	--TGGATCAGGAGAGCTCACGGAGGCGACCTTTTTTCAGCTCCTCCTCGTCGCAGG----
209	
MF197515.1	-----
399	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	AATGACTGAAATGTTATAAAATATAGTCACTTTCCTAATATTCTTCTCGTGATTAAATTA
2817	

JQ678788.1	--ACGAACTGTTTCGACGAGGAATACTACGACGAGCAGCTGCCGG----	AGAAGAAGCGCC
263		
MF197515.1	-----	
399		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	GACTATTCTTCTTTTGAATAAATTAGACGTCTCGAAATTACCATGATTACACCAAGTGTA	
2877		
JQ678788.1	GCCTCACTTCTGACCAGGTGCATATGCTGGAGAAGAGCTTTGAGACAGAGAACAAGCTGG	
323		
MF197515.1	-----	
399		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	CACCAAGTTATGTAATCAATATTGTTT-----TGTCAAACCGAACCCAAAATGT	
2926		
JQ678788.1	AGCCGGAGCGAAAGACGCAGCTGGCCAAGAAGCTAGGACTGCAGCCGAGACAGGTGGCCG	
383		
MF197515.1	-----CCT	
402		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	AAAAACCTGATACAACAAACCATGAC-----ATGGTTTGGTTAAGAGAGATTTTACAT	
2979		
JQ678788.1	TGTGGTTCCAGAA--CCGCCGCGCTCGGTGGAAGACCAAGCAGCTCGAGCGCGATTA---	
438		
MF197515.1	TCAACGGGGCACCTCAGCAGT-----	
424		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	TTTAGATGTCATCCATCCCTGCTGCTTCTTGAAAACTTCAAGCTCTGTCCGTATTCAAT	
3039		
JQ678788.1	-----CGACCTTCTCAAGTCTT	
455		
MF197515.1	-----	
424		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	CTTATGTTTCCTTGACAGCCGCAACTCACTGACAGAGCTTGCGGTAAGTGTGAAGACTT	
3099		

JQ678788.1	C-----CTATGACAC-CCTTTTGTCTGATTACGACTCCATCCTCAAGGAGAATCAGAAG
508	
MF197515.1	-----
424	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TCTTTTAATAAACTCTTTTGTTTTACATACAAAACGAACTCAGAGCAACTGAGAAT
3159	

JQ678788.1	CTCAAATCCCAGGTGGTTTCCATAAACGAGAAGC-----T-TGGAGGTAAAGAGCAG
559	
MF197515.1	-----GTGTTTTTCCAGAAAAAAGCCCATATCTGTCTGTCAACCT
465	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	CTGAGATCAACAATGGTTAGAATATTAAAGCAAAAAAACGGATATCTGTTAAAGTCCAA
3219	

JQ678788.1	GCTAGTAGCACAAAAGC-----
576	
MF197515.1	TCAGATATTGGGCCTCAACTAT-----TGGGCCCAACAACGAATGG
506	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	TCAGTTTGACCAATTGCAATATTGCTGTATTCTTCAACACGTCGCTTAAACAGAACTGA
3279	

JQ678788.1	-----AACAGCATTTGCAGCGGATGATCACG---ATGACGAGAAGCGCGGCCCT
622	
MF197515.1	GCCTCAACAGCTATTGGGC-----CCTAAAACAACTGGGCCCAATAACATCACT
555	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	CGCTTTAGGGCAAATCGCTTTGCTTCAAGTTTGTTTAAACCGAACCGGAAAAGAAAGCG
3339	

JQ678788.1	CTTCTTCCAGCCGGTGATCAGTTGACGGAGGTTGTTC-----CGATAACTAG---
669	
MF197515.1	GT-----AGACCAAAAAGTTAGTTAACCCAGCCCAAGACCAATAAACCAATAACCTATGC
610	
NC_003070.9:c26796532-26795052	-----
1481	
XM_002273955.3	-----
866	
AM259485.1	-----
861	
NC_024798.2:c16675765-16671892	GTTTCACAAACCGTTATTTTCGTTTCATAGGCTTTCTCTCTCGCTATCCAATTACTTCATC
3399	

JQ678788.1  
714  
MF197515.1  
666  
NC\_003070.9:c26796532-26795052  
1481  
XM\_002273955.3  
866  
AM259485.1  
861  
NC\_024798.2:c16675765-16671892  
3455

-----TCTCCAGTATA-----GCTGCAGCGTCAAGGTGGAGGACCGCCTGAGCTC  
CCAGCCCAGCCCAAGATTGGTCAAACATGACACTAGACAAACCTACAATATATT----TT  
-----  
-----  
-----  
-----  
TTTGTGCGGGCCTAAAATACTAAATCAGGGTCAGGCTCAATATGGACGAGCTAGT----TT

JQ678788.1  
773  
MF197515.1  
715  
NC\_003070.9:c26796532-26795052  
1481  
XM\_002273955.3  
866  
AM259485.1  
861  
NC\_024798.2:c16675765-16671892  
3515

AGGGAGCGGAGGAAGTGCCGTGGTGGACGAGGCCGAAGGCCCTCAG-CCTGTGGACAGCA  
CT--ATTTACATATTTTCGCAAATACCTACTACTC----AATTA-----TGCTATGTATA  
-----  
-----  
-----  
-----  
AGCCCGTCATAACATTTTCAGTGGCACATACGGCCCATTAGCTTCCTCTGCGTCCTATGTG

JQ678788.1  
828  
MF197515.1  
772  
NC\_003070.9:c26796532-26795052  
1481  
XM\_002273955.3  
866  
AM259485.1  
861  
NC\_024798.2:c16675765-16671892  
3575

GTGATTCCCTATAATTTCCCAAACAACATCCACAATTACTACTC-----TCATGATCATGA  
GCTATAGTTTGCATATTTACTAGTTGTAGTTACAGTTTAAGTTATCTCGTTTGTA---TA  
-----  
-----  
-----  
-----  
GTGATTGAAGCCCGTTTTTCTACTTCTTTTATCTTTTGTACTGAAGTGTCTGTTTCTTC

JQ678788.1  
888  
MF197515.1  
815  
NC\_003070.9:c26796532-26795052  
1481  
XM\_002273955.3  
866  
AM259485.1  
861  
NC\_024798.2:c16675765-16671892  
3628

CACTCATCATCATCATCATCATCAATACACGGCGCCACATGATCATGTAGAACATCA  
ATTTCCATATATGTTTAAATAAG-----TGAGTTATATTTGTATA--A-----AC  
-----  
-----  
-----  
-----  
CTGTCCTCAGGTTCTTGAGCAACTCAAAGAGAAGGCGGTAAAGTGAGCTG--G-----AC

JQ678788.1  
944  
MF197515.1  
867  
NC\_003070.9:c26796532-26795052  
1481  
XM\_002273955.3  
866  
AM259485.1  
861  
NC\_024798.2:c16675765-16671892

TCGTAGAGGAGTCCACTCAGAAGAAGATGACG----GTAGCGATGACGGCCAGTGTTACT  
TCAAAAT----AATGAATTTATACAAACACAA-ACATT-TAAACTTTA--AAAAAAAAAA  
-----  
-----  
-----  
-----  
TGACAGAGGAACCTGTGTTGCGGAGAGTGAAGGAGAGGACAGACGCAAGGAAAAATAAAG

3688		
JQ678788.1	TCTCCGATGTCTTTGCAGCCGCAGCAGCGGAGCAGCAAGCAGCACAGGAGGAAGGTGTTT	
1004		
MF197515.1	AAAAAAAA-----	
876		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	AATATGAAAGATTTGGAGACCAGTC-AAGAACCTTCAACTACAACCTTGAGCT-TTTAAAC	
3746		
JQ678788.1	CTTTGAACTGGTGGGGATGGTC-----ATAAATGGCTAAATCCCCTAAATTG-	
1051		
MF197515.1	-----	
876		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	TTATATACTATAGTCTATATTCTTATTTGTATCATATTTGTTGATTTCGAGTAACGTCT	
3806		
JQ678788.1	-----	
1051		
MF197515.1	-----	
876		
NC_003070.9:c26796532-26795052	-----	
1481		
XM_002273955.3	-----	
866		
AM259485.1	-----	
861		
NC_024798.2:c16675765-16671892	AAAGAGTTACATCGAATTCTTGCTTCATTCATTTTTGCTGTGTGGTGTCTCAGAGAAAC	
3866		
JQ678788.1	-----	1051
MF197515.1	-----	876
NC_003070.9:c26796532-26795052	-----	1481
XM_002273955.3	-----	866
AM259485.1	-----	861
NC_024798.2:c16675765-16671892	CATAGGAA	3874