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BLAST[®] » **Global Alignment** » results for RID-U7BP1US5114

Job Title	KJ776791.2 ...
RID	U7BP1US5114 Search expires on 12-23 08:11 am
Program	Needleman-Wunsch alignment of two sequences
Query ID	lcl Query_54631 (dna)
Query Descr	KJ776791.2 ...
Query Length	10807

Subject ID

lcl|Query_54633 (dna)

Subject Descr

[SEQ_ID_NO72 ...](#)

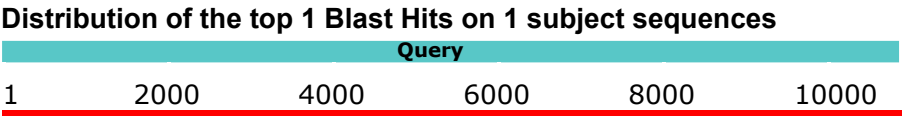
Subject Length

10773

Descriptions

Description	Score	Percent Ident	Accession
SEQ_ID_NO72	21468	100.00%	Query_54633

Graphic Summary



Alignments

Alignment view

Pairwise

☐ CDS feature

Restore defaults

SEQ_ID_NO72
Sequence ID: Query_54633 Length: 10773 Number of Matches: 1
Range 1: 1 to 10773

NW Score	Identities	Gaps	Strand	Frame
21468	10773/10807(99%)	34/10807(0%)	Plus/Plus	
Query 1	AGTTGTTGATCTGTGTAATCAGACTGCGACAGTTCGAGTTTGAAGCGAAAGCTAGCAAC			60
Sbjct 1	CAGACTGCGACAGTTCGAGTTTGAAGCGAAAGCTAGCAAC			40
Query 61	AGTATCAACAGGTTTTATTTTGGATTGGAAACGAGAGTTTCTGGTCATGAAAAACCCAA			120
Sbjct 41	AGTATCAACAGGTTTTATTTTGGATTGGAAACGAGAGTTTCTGGTCATGAAAAACCCAA			100
Query 121	AAAAGAAATCCGGAGGATTCCGGATTGTCAATATGCTAAAACGCGAGTAGCCCGTGTGA			180
Sbjct 101	AAAAGAAATCCGGAGGATTCCGGATTGTCAATATGCTAAAACGCGAGTAGCCCGTGTGA			160
Query 181	GCCCCTTTGGGGCTTGAAGAGGCTGCCAGCCGGACTTCTGCTGGGTCATGGGCCCATCA			240
Sbjct 161	GCCCCTTTGGGGCTTGAAGAGGCTGCCAGCCGGACTTCTGCTGGGTCATGGGCCCATCA			220
Query 241	GGATGGTCTTGGCGATTCTAGCCTTTTTGAGATTACCGGCAATCAAGCCATCACTGGGTC			300
Sbjct 221	GGATGGTCTTGGCGATTCTAGCCTTTTTGAGATTACCGGCAATCAAGCCATCACTGGGTC			280
Query 301	TCATCAATAGATGGGGTTCAGTGGGGAAAAAGAGGCTATGGAAATAATAAAGAAGTTCA			360
Sbjct 281	TCATCAATAGATGGGGTTCAGTGGGGAAAAAGAGGCTATGGAAATAATAAAGAAGTTCA			340
Query 361	AGAAAGATCTGGCTGCCATGCTGAGAATAATCAATGCTAGGAAGGAGAAGAAGAGACGAG			420
Sbjct 341	AGAAAGATCTGGCTGCCATGCTGAGAATAATCAATGCTAGGAAGGAGAAGAAGAGACGAG			400
Query 421	GCGCAGATACTAGTGTGCGAATTGTTGGCCTCCTGCTGACCACAGCTATGGCAGCGGAGG			480
Sbjct 401	GCGCAGATACTAGTGTGCGAATTGTTGGCCTCCTGCTGACCACAGCTATGGCAGCGGAGG			460
Query 481	TCTAGACGTGGGAGTGCATACTATATGTACTTGGACAGAAACGACGCTGGGGAGGCCA			540
Sbjct 461	TCTAGACGTGGGAGTGCATACTATATGTACTTGGACAGAAACGACGCTGGGGAGGCCA			520
Query 541	TATCTTTTCCAACCACATTGGGGATGAATAAGTGTTATATACAGATCATGGATCTTGGAC			600
Sbjct 521	TATCTTTTCCAACCACATTGGGGATGAATAAGTGTTATATACAGATCATGGATCTTGGAC			580
Query 601	ACATGTGTGATGCCACCATGAGCTATGAATGCCCTATGCTGGATGAGGGGGTGAACCAG			660
Sbjct 581	ACATGTGTGATGCCACCATGAGCTATGAATGCCCTATGCTGGATGAGGGGGTGAACCAG			640
Query 661	ATGACGTCGATTGTTGGTGCAACACGACGTCAACTTGGGTTGTGTACGGAACCTGCCATC			720

Sbjct	641	ATGACGTCGATTGTTGGTGCAACACGACGTCAACTTGGGTTGTGTACGGAACCTGCCATC	700
Query	721	ACAAAAAGGTGAAGCACGGAGATCTAGAAGAGCTGTGACGCTCCCTCCCATTCCACTA	780
Sbjct	701	ACAAAAAGGTGAAGCACGGAGATCTAGAAGAGCTGTGACGCTCCCTCCCATTCCACTA	760
Query	781	GGAAAGCTGCAAAACGCGGTGCGAAACCTGGTTGGAATCAAGAGAATACACAAAGCACTTGA	840
Sbjct	761	GGAAAGCTGCAAAACGCGGTGCGAAACCTGGTTGGAATCAAGAGAATACACAAAGCACTTGA	820
Query	841	TTAGAGTCGAAAATTGGATATTCAGGAACCTGGCTTCGCGTTAGCAGCAGCTGCCATCG	900
Sbjct	821	TTAGAGTCGAAAATTGGATATTCAGGAACCTGGCTTCGCGTTAGCAGCAGCTGCCATCG	880
Query	901	CTTGGCTTTTGGGAAGCTCAACGAGCCAAAAAGTCATATACTTGGTCATGATACTGCTGA	960
Sbjct	881	CTTGGCTTTTGGGAAGCTCAACGAGCCAAAAAGTCATATACTTGGTCATGATACTGCTGA	940
Query	961	TTGCCCCGGCATAACAGCATCAGGTGCATAGGAGTCAGCAATAGGGACTTTGTGGAAGGTA	1020
Sbjct	941	TTGCCCCGGCATAACAGCATCAGGTGCATAGGAGTCAGCAATAGGGACTTTGTGGAAGGTA	1000
Query	1021	TGTCAGGTGGGACTTGGGTTGATGTTGTCTTGGAACATGGAGGTTGTGTACCGTAATGG	1080
Sbjct	1001	TGTCAGGTGGGACTTGGGTTGATGTTGTCTTGGAACATGGAGGTTGTGTACCGTAATGG	1060
Query	1081	CACAGGACAAACCGACTGTCGACATAGAGCTGGTTACAACAACAGTCAGCAACATGGCGG	1140
Sbjct	1061	CACAGGACAAACCGACTGTCGACATAGAGCTGGTTACAACAACAGTCAGCAACATGGCGG	1120
Query	1141	AGGTAAGATCCTACTGCTATGAGGCATCAATATCGGACATGGCTTCGGACAGCCGCTGCC	1200
Sbjct	1121	AGGTAAGATCCTACTGCTATGAGGCATCAATATCGGACATGGCTTCGGACAGCCGCTGCC	1180
Query	1201	CAACACAAGGTGAAGCCTACCTTGACAAGCAATCAGACACTCAATATGTCTGCAAAAGAA	1260
Sbjct	1181	CAACACAAGGTGAAGCCTACCTTGACAAGCAATCAGACACTCAATATGTCTGCAAAAGAA	1240
Query	1261	CGTTAGTGGACAGAGGCTGGGGAAATGGATGTGGACTTTTTGGCAAAGGGAGCCTGGTGA	1320
Sbjct	1241	CGTTAGTGGACAGAGGCTGGGGAAATGGATGTGGACTTTTTGGCAAAGGGAGCCTGGTGA	1300
Query	1321	CATGCGCTAAGTTTGCATGCTCCAAGAAAATGACCGGAAGAGCATCCAGCCAGAGAATC	1380
Sbjct	1301	CATGCGCTAAGTTTGCATGCTCCAAGAAAATGACCGGAAGAGCATCCAGCCAGAGAATC	1360
Query	1381	TGGAGTACCGGATAATGCTGTGAGTTCATGGCTCCAGCACAGTGGGATGATCGTTAATG	1440
Sbjct	1361	TGGAGTACCGGATAATGCTGTGAGTTCATGGCTCCAGCACAGTGGGATGATCGTTAATG	1420
Query	1441	ACACAGGACATGAAACTGATGAGAATAGAGCGAAGGTTGAGATAACGCCCAATTCACCAA	1500
Sbjct	1421	ACACAGGACATGAAACTGATGAGAATAGAGCGAAGGTTGAGATAACGCCCAATTCACCAA	1480
Query	1501	GAGCCGAAGCCACCCTGGGGGGTTTTGGAAGCCTAGGACTTGATTGTGAACCGAGGACAG	1560
Sbjct	1481	GAGCCGAAGCCACCCTGGGGGGTTTTGGAAGCCTAGGACTTGATTGTGAACCGAGGACAG	1540
Query	1561	GCCTTGACTTTTTCAGATTTGTATTACTTGACTATGAATAACAAGCACTGGTTGGTTCACA	1620
Sbjct	1541	GCCTTGACTTTTTCAGATTTGTATTACTTGACTATGAATAACAAGCACTGGTTGGTTCACA	1600
Query	1621	AGGAGTGGTTCCACGACATTCATTACCTTGGCACGCTGGGGCAGACACCGGAATCCAC	1680
Sbjct	1601	AGGAGTGGTTCCACGACATTCATTACCTTGGCACGCTGGGGCAGACACCGGAATCCAC	1660
Query	1681	ACTGGAACAACAAAGAAGCACTGGTAGAGTTCAAGGACGCACATGCCAAAAGGCAAACTG	1740
Sbjct	1661	ACTGGAACAACAAAGAAGCACTGGTAGAGTTCAAGGACGCACATGCCAAAAGGCAAACTG	1720
Query	1741	TCGTGGTTCTAGGGAGTCAAGAAGGAGCAGTTCACACGGCCCTTGCTGGAGCTCTGGAGG	1800
Sbjct	1721	TCGTGGTTCTAGGGAGTCAAGAAGGAGCAGTTCACACGGCCCTTGCTGGAGCTCTGGAGG	1780
Query	1801	CTGAGATGGATGGTGCAAAGGGAAGGCTGTCTCTGGCCACTTGAAATGTCGCCTGAAAA	1860
Sbjct	1781	CTGAGATGGATGGTGCAAAGGGAAGGCTGTCTCTGGCCACTTGAAATGTCGCCTGAAAA	1840
Query	1861	TGGATAAACTTAGATTGAAGGGCGTGTCTACTCTTGTGTACCGCAGCGTTACATTCA	1920
Sbjct	1841	TGGATAAACTTAGATTGAAGGGCGTGTCTACTCTTGTGTACCGCAGCGTTACATTCA	1900
Query	1921	CCAAGATCCCGGCTGAAACACTGCACGGGACAGTCACAGTGGAGGTACAGTACGCAGGGA	1980
Sbjct	1901	CCAAGATCCCGGCTGAAACACTGCACGGGACAGTCACAGTGGAGGTACAGTACGCAGGGA	1960
Query	1981	CAGATGGACCTTGCAAGGTTCCAGCTCAGATGGCGGTGGACATGCAAACTCTGACCCAG	2040
Sbjct	1961	CAGATGGACCTTGCAAGGTTCCAGCTCAGATGGCGGTGGACATGCAAACTCTGACCCAG	2020
Query	2041	TTGGGAGGTTGATAACCGCTAACCCCGTAATCACTGAAAGCACTGAGAAGCTCTAAGATGA	2100

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Sbjct  2021  TTGGGAGGTTGATAACCGCTAACCCCGTAATCACTGAAAGCACTGAGAACTCTAAGATGA 2080
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Sbjct  2081  TGCTGGAACCTTGATCCACCATTGGGGACTCTTACATTGTCATAGGAGTCGGGGAGAAGA 2140
Query   2161  AGATCACCCACCACTGGCACAGGAGTGGCAGCACCATTGGAAGCACTTTGAAGCCACTG 2220
Sbjct  2141  AGATCACCCACCACTGGCACAGGAGTGGCAGCACCATTGGAAGCACTTTGAAGCCACTG 2200
Query   2221  TGAGAGGTGCCAAGAGAATGGCAGTCTTGGGAGACACAGCCTGGGACTTTGGATCAGTTG 2280
Sbjct  2201  TGAGAGGTGCCAAGAGAATGGCAGTCTTGGGAGACACAGCCTGGGACTTTGGATCAGTTG 2260
Query   2281  GAGGCGCTCTCAACTCATTGGGCAAGGGCATCCATCAAATTTTGGAGCAGCTTTCAAAT 2340
Sbjct  2261  GAGGCGCTCTCAACTCATTGGGCAAGGGCATCCATCAAATTTTGGAGCAGCTTTCAAAT 2320
Query   2341  CATTGTTTGGAGGAATGTCCTGGTTCTCACAAATTCTCATTGGAACGTTGCTGATGTGGT 2400
Sbjct  2321  CATTGTTTGGAGGAATGTCCTGGTTCTCACAAATTCTCATTGGAACGTTGCTGATGTGGT 2380
Query   2401  TGGGTCTGAACACAAAGAATGGATCTATTTCCCTTATGTGCTTGGCCTTAGGGGGAGTGT 2460
Sbjct  2381  TGGGTCTGAACACAAAGAATGGATCTATTTCCCTTATGTGCTTGGCCTTAGGGGGAGTGT 2440
Query   2461  TGATCTTCTTATCCACAGCTGTCTCTGCTGATGTGGGTGCTCGGTGGACTTCTCAAAGA 2520
Sbjct  2441  TGATCTTCTTATCCACAGCTGTCTCTGCTGATGTGGGTGCTCGGTGGACTTCTCAAAGA 2500
Query   2521  AGGAGACGAGATGCGGTACAGGGGTGTTCTGCTATAACGACGTTGAAGCCTGGAGGGACA 2580
Sbjct  2501  AGGAGACGAGATGCGGTACAGGGGTGTTCTGCTATAACGACGTTGAAGCCTGGAGGGACA 2560
Query   2581  GGTACAAGTACCATCCTGACTCCCCCGTAGATTGGCAGCAGCAGTCAAGCAAGCCTGGG 2640
Sbjct  2561  GGTACAAGTACCATCCTGACTCCCCCGTAGATTGGCAGCAGCAGTCAAGCAAGCCTGGG 2620
Query   2641  AAGATGGTATCTGTGGGATCTCCTCTGTTTCAAGAATGGAAAACATCATGTGGAGATCAG 2700
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Query   2701  TAGAAGGGGAGCTCAACGCAATCCTGGAAGAGAATGGAGTTCAACTGACGGTCGTTGTGG 2760
Sbjct  2681  TAGAAGGGGAGCTCAACGCAATCCTGGAAGAGAATGGAGTTCAACTGACGGTCGTTGTGG 2740
Query   2761  GATCTGTAAAAAACCCCATGTGGAGAGGTCCACAGAGATTGCCCGTGCCTGTGAACGAGC 2820
Sbjct  2741  GATCTGTAAAAAACCCCATGTGGAGAGGTCCACAGAGATTGCCCGTGCCTGTGAACGAGC 2800
Query   2821  TGCCCCACGGCTGGAAGGCTTGGGGGAAATCGTACTTCGTCAGAGCAGCAAAGACAAATA 2880
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Sbjct  2921  ACAGCTTTCTGTGGAGGATCATGGGTTCTGGGGTATTTCACTAGTGTCTGGCTCAAGG 2980
Query   3001  TTAGAGAAGATTATTCATTAGAGTGTGATCCAGCCGTTATTGGAACAGCTGTTAAGGGAA 3060
Sbjct  2981  TTAGAGAAGATTATTCATTAGAGTGTGATCCAGCCGTTATTGGAACAGCTGTTAAGGGAA 3040
Query   3061  AGGAGGCTGTACACAGTGATCTAGGCTACTGGATTGAGAGTGAGAAGAATGACACATGGA 3120
Sbjct  3041  AGGAGGCTGTACACAGTGATCTAGGCTACTGGATTGAGAGTGAGAAGAATGACACATGGA 3100
Query   3121  GGCTGAAGAGGGCCCATCTGATCGAGATGAAAACATGTGAATGGCCAAAGTCCCACACAT 3180
Sbjct  3101  GGCTGAAGAGGGCCCATCTGATCGAGATGAAAACATGTGAATGGCCAAAGTCCCACACAT 3160
Query   3181  TGTGGACAGATGGAATAGAAGAGAGTGATCTGATCATACCAAGTCTTTAGCTGGGCCAC 3240
Sbjct  3161  TGTGGACAGATGGAATAGAAGAGAGTGATCTGATCATACCAAGTCTTTAGCTGGGCCAC 3220
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Query   3301  AAGAGCTTGAAATTCGGTTTGAGGAATGCCAGGCACTAAGGTCCACGTGGAGGAAACAT 3360
Sbjct  3281  AAGAGCTTGAAATTCGGTTTGAGGAATGCCAGGCACTAAGGTCCACGTGGAGGAAACAT 3340
Query   3361  GTGGAACAAGAGGACCATCTCTGAGATCAACCCTGCAAGCGGAAGGGTGATCGAGGAAT 3420
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Query	3421	GGTGCTGCAGGGAGTGCACAATGCCCCACTGTCGTTCCGGGCTAAAGATGGCTGTTGGT	3480
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Query	3481	ATGGAATGGAGATAAGGCCAGGAAAGAACAGAAAGTAAGTCTAGTAAGGTCAATGGTGA	3540
Sbjct	3461	ATGGAATGGAGATAAGGCCAGGAAAGAACAGAAAGTAAGTCTAGTAAGGTCAATGGTGA	3520
Query	3541	CTGCAGGATCAACTGATCACATGGATCATTCTCCCTTGGAGTGCTTGTGATTCTGCTCA	3600
Sbjct	3521	CTGCAGGATCAACTGATCACATGGATCATTCTCCCTTGGAGTGCTTGTGATTCTGCTCA	3580
Query	3601	TGGTGCAGGAAGGGCTGAAGAAGAGAATGACCACAAAGATCATATAAGCACATCGATGG	3660
Sbjct	3581	TGGTGCAGGAAGGGCTGAAGAAGAGAATGACCACAAAGATCATATAAGCACATCGATGG	3640
Query	3661	CAGTGCTGGTAGCTATGATCCTGGGAGGATTTTCAATGAGTGACCTGGCTAAGCTTGCAA	3720
Sbjct	3641	CAGTGCTGGTAGCTATGATCCTGGGAGGATTTTCAATGAGTGACCTGGCTAAGCTTGCAA	3700
Query	3721	TTTTGATGGGTGCCACCTTCGCGGAAATGAACACTGGAGGAGATGTAGCTCATCTGGCGC	3780
Sbjct	3701	TTTTGATGGGTGCCACCTTCGCGGAAATGAACACTGGAGGAGATGTAGCTCATCTGGCGC	3760
Query	3781	TGATAGCGGCATTCAAAGTCAGACCAGCGTTGCTGGTATCTTTCATCTTCAGAGCTAATT	3840
Sbjct	3761	TGATAGCGGCATTCAAAGTCAGACCAGCGTTGCTGGTATCTTTCATCTTCAGAGCTAATT	3820
Query	3841	GGACACCCCGTGAAAGCATGCTGCTGGCCTTGGCCTCGTGTCTTTTGCAAACGCGATCT	3900
Sbjct	3821	GGACACCCCGTGAAAGCATGCTGCTGGCCTTGGCCTCGTGTCTTTTGCAAACGCGATCT	3880
Query	3901	CCGCCTTGGGAAGGCGACCTGATGGTTCTCATCAATGGTTTTGCTTTGGCCTGGTTGGCAA	3960
Sbjct	3881	CCGCCTTGGGAAGGCGACCTGATGGTTCTCATCAATGGTTTTGCTTTGGCCTGGTTGGCAA	3940
Query	3961	TACGAGCGATGGTTGTTCCACGCACTGATAACATCACCTTGGCAATCCTGGCTGCTCTGA	4020
Sbjct	3941	TACGAGCGATGGTTGTTCCACGCACTGATAACATCACCTTGGCAATCCTGGCTGCTCTGA	4000
Query	4021	CACCACTGGCCCGGGGCACACTGCTTGTGGCGTGGAGAGCAGGCCCTTGCTACTTGCGGGG	4080
Sbjct	4001	CACCACTGGCCCGGGGCACACTGCTTGTGGCGTGGAGAGCAGGCCCTTGCTACTTGCGGGG	4060
Query	4081	GGTTTATGCTCCTCTCTCTGAAGGGAAGGAGCAGTGTGAAGAAGAAGTACCATTGTCA	4140
Sbjct	4061	GGTTTATGCTCCTCTCTCTGAAGGGAAGGAGCAGTGTGAAGAAGAAGTACCATTGTCA	4120
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Sbjct	4181	TGCTCACAAGGAGTGGGAAGCGGAGCTGGCCCCCTAGCGAAGTACTCACAGCTGTTGGCC	4240
Query	4261	TGATATGCGCATTGGCTGGAGGGTTCGCAAGGCAGATATAGAGATGGCTGGGCCCATGG	4320
Sbjct	4241	TGATATGCGCATTGGCTGGAGGGTTCGCAAGGCAGATATAGAGATGGCTGGGCCCATGG	4300
Query	4321	CCGCGGTCTGGTCTGCTAATTGTCAGTTACGTGGTCTCAGGAAAGAGTGTGGACATGTACA	4380
Sbjct	4301	CCGCGGTCTGGTCTGCTAATTGTCAGTTACGTGGTCTCAGGAAAGAGTGTGGACATGTACA	4360
Query	4381	TTGAAAGAGCAGGTGACATCACATGGGAAAAAGATGCGGAAGTCACTGGAAACAGTCCCC	4440
Sbjct	4361	TTGAAAGAGCAGGTGACATCACATGGGAAAAAGATGCGGAAGTCACTGGAAACAGTCCCC	4420
Query	4441	GGCTCGATGTGGCGCTAGATGAGAGTGGTGATTTCTCCCTGGTGGAGGATGACGGTCCCC	4500
Sbjct	4421	GGCTCGATGTGGCGCTAGATGAGAGTGGTGATTTCTCCCTGGTGGAGGATGACGGTCCCC	4480
Query	4501	CCATGAGAGAGATCATACTCAAGGTGGTCTGATGACCATCTGTGGCATGAACCCAATAG	4560
Sbjct	4481	CCATGAGAGAGATCATACTCAAGGTGGTCTGATGACCATCTGTGGCATGAACCCAATAG	4540
Query	4561	CCATACCCCTTTCAGCTGGAGCGTGGTACGTATACGTGAAGACTGGAAAAAGGAGTGGTG	4620
Sbjct	4541	CCATACCCCTTTCAGCTGGAGCGTGGTACGTATACGTGAAGACTGGAAAAAGGAGTGGTG	4600
Query	4621	CTCTATGGGATGTGCCGTGCTCCCAAGGAAGTAAAAAAGGGGGAGACCACAGATGGAGTGT	4680
Sbjct	4601	CTCTATGGGATGTGCCGTGCTCCCAAGGAAGTAAAAAAGGGGGAGACCACAGATGGAGTGT	4660
Query	4681	ACAGAGTAATGACTCGTAGACTGCTAGGTTCAACACAAGTTGGAGTGGGAGTTATGCAAG	4740
Sbjct	4661	ACAGAGTAATGACTCGTAGACTGCTAGGTTCAACACAAGTTGGAGTGGGAGTTATGCAAG	4720
Query	4741	AGGGGGTCTTTACACTATGTGGCACGTACAAAAGGATCCGCGCTGAGAAGCGGTGAAG	4800
Sbjct	4721	AGGGGGTCTTTACACTATGTGGCACGTACAAAAGGATCCGCGCTGAGAAGCGGTGAAG	4780

Query	4801	GGAGACTTGATCCATACTGGGGAGATGTCAAGCAGGATCTGGTGTCTACTGTGGTCCAT	4860
Sbjct	4781	GGAGACTTGATCCATACTGGGGAGATGTCAAGCAGGATCTGGTGTCTACTGTGGTCCAT	4840
Query	4861	GGAAGCTAGATGCCGCCTGGGACGGGCACAGCGAGGTGCAGCTCTTGGCCGTGCCCCCG	4920
Sbjct	4841	GGAAGCTAGATGCCGCCTGGGACGGGCACAGCGAGGTGCAGCTCTTGGCCGTGCCCCCG	4900
Query	4921	GAGAGAGAGCGAGGAACATCCAGACTCTGCCCGGAATATTTAAGACAAAGGATGGGGACA	4980
Sbjct	4901	GAGAGAGAGCGAGGAACATCCAGACTCTGCCCGGAATATTTAAGACAAAGGATGGGGACA	4960
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Sbjct	5021	GTGGGAGAGTGATAGGACTTTATGGCAATGGGGTCGTGATCAAAAATGGGAGTTATGTTA	5080
Query	5101	GTGCCATCACCCAAAGGAGGAGGGAGGAAGAGACTCCTGTTGAGTGCTTCGAGCCTTCGA	5160
Sbjct	5081	GTGCCATCACCCAAAGGAGGAGGGAGGAAGAGACTCCTGTTGAGTGCTTCGAGCCTTCGA	5140
Query	5161	TGCTGAAGAAGAAGCAGCTAACTGTCTTAGACTTGCATCCTGGAGCTGGGAAAACAGGA	5220
Sbjct	5141	TGCTGAAGAAGAAGCAGCTAACTGTCTTAGACTTGCATCCTGGAGCTGGGAAAACAGGA	5200
Query	5221	GAGTTCTTCTGAAATAGTCCGTGAAGCCATAAAAACAAGACTCCGTACTGTGATCTTAG	5280
Sbjct	5201	GAGTTCTTCTGAAATAGTCCGTGAAGCCATAAAAACAAGACTCCGTACTGTGATCTTAG	5260
Query	5281	CTCCAACCAGGGTTGTCGCTGCTGAAATGGAGGAAGCCCTTAGAGGGCTTCCAGTGCGTT	5340
Sbjct	5261	CTCCAACCAGGGTTGTCGCTGCTGAAATGGAGGAAGCCCTTAGAGGGCTTCCAGTGCGTT	5320
Query	5341	ATATGACAACAGCAGTCAATGTCACCCACTCTGGAACAGAAATCGTCGACTTAATGTGCC	5400
Sbjct	5321	ATATGACAACAGCAGTCAATGTCACCCACTCTGGAACAGAAATCGTCGACTTAATGTGCC	5380
Query	5401	ATGCCACCTTCACTTCACGCTACTACAGCCAATCAGAGTCCCAACTATAATCTGTATA	5460
Sbjct	5381	ATGCCACCTTCACTTCACGCTACTACAGCCAATCAGAGTCCCAACTATAATCTGTATA	5440
Query	5461	TTATGGATGAGGCCCACTTACAGATCCCTCAAGTATAGCAGCAAGAGGATACATTTCAA	5520
Sbjct	5441	TTATGGATGAGGCCCACTTACAGATCCCTCAAGTATAGCAGCAAGAGGATACATTTCAA	5500
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Sbjct	5501	CAAGGGTTGAGATGGGCGAGGCGGCTGCCATCTTCATGACCGCCACGCCACCAGGAACCC	5560
Query	5581	GTGACGCATTTCCGGACTCCAACCTACCAATTATGGACACCGAAGTGGAAAGTCCCAGAGA	5640
Sbjct	5561	GTGACGCATTTCCGGACTCCAACCTACCAATTATGGACACCGAAGTGGAAAGTCCCAGAGA	5620
Query	5641	GAGCCTGGAGCTCAGGCTTTGATTGGGTGACGGATCATTTGGAAAAACAGTTTGGTTTG	5700
Sbjct	5621	GAGCCTGGAGCTCAGGCTTTGATTGGGTGACGGATCATTTGGAAAAACAGTTTGGTTTG	5680
Query	5701	TTCCAAGCGTGAGGAACGGCAATGAGATCGCAGCTTGCTGACAAAGGCTGGAAAAACGGG	5760
Sbjct	5681	TTCCAAGCGTGAGGAACGGCAATGAGATCGCAGCTTGCTGACAAAGGCTGGAAAAACGGG	5740
Query	5761	TCATACAGCTCAGCAGAAAGACTTTTGGACAGAGTCCAGAAAAACAAACATCAAGAGT	5820
Sbjct	5741	TCATACAGCTCAGCAGAAAGACTTTTGGACAGAGTCCAGAAAAACAAACATCAAGAGT	5800
Query	5821	GGGACTTTGTCGTGACAACTGACATTTTCAAGATGGGCGCCAACTTTAAAGCTGACCGTG	5880
Sbjct	5801	GGGACTTTGTCGTGACAACTGACATTTTCAAGATGGGCGCCAACTTTAAAGCTGACCGTG	5860
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Sbjct	5921	CTGGACCCATGCCTGTACACATGCCAGCGCTGCCAGAGGAGGGGGCGCATAGGCAGGA	5980
Query	6001	ATCCCAACAAACCTGGAGATGAGTATCTGTATGGAGGTGGGTGCGCAGAGACTGACGAAG	6060
Sbjct	5981	ATCCCAACAAACCTGGAGATGAGTATCTGTATGGAGGTGGGTGCGCAGAGACTGACGAAG	6040
Query	6061	ACCATGCACACTGGCTTGAAGCAAGAATGCTCCTTGACAATATTTACCTCCAAGATGGCC	6120
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Taxonomy

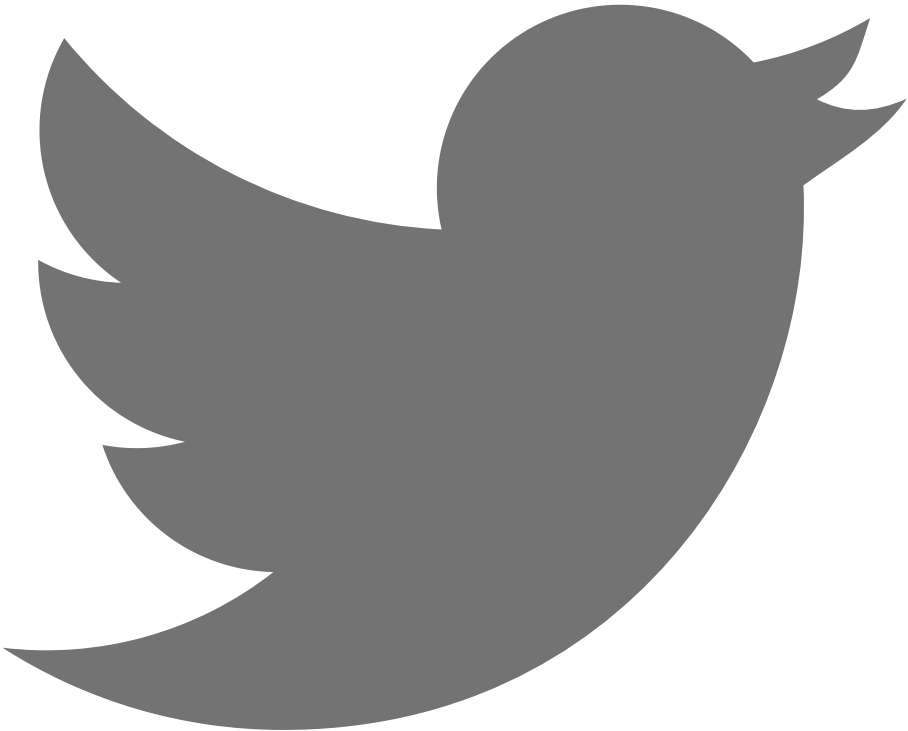
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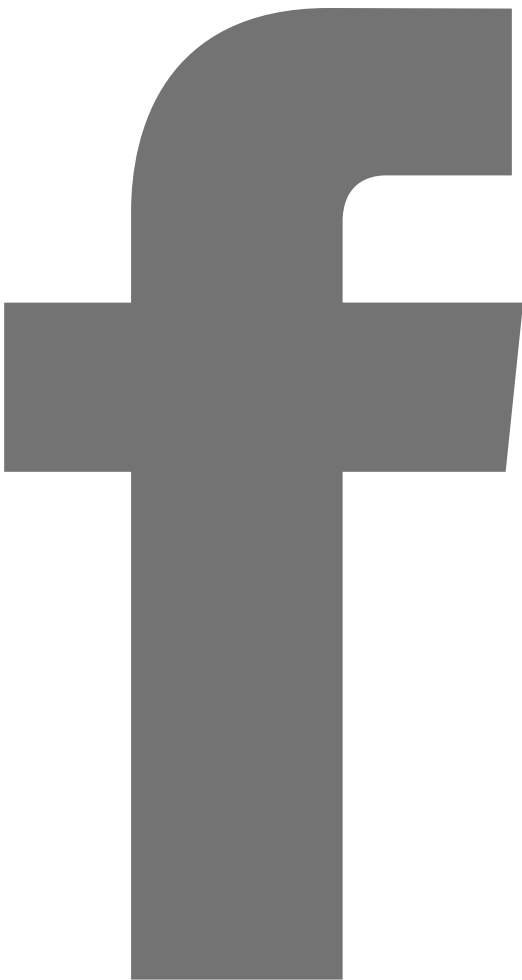
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- Organism
- Taxonomy

Dot Plot

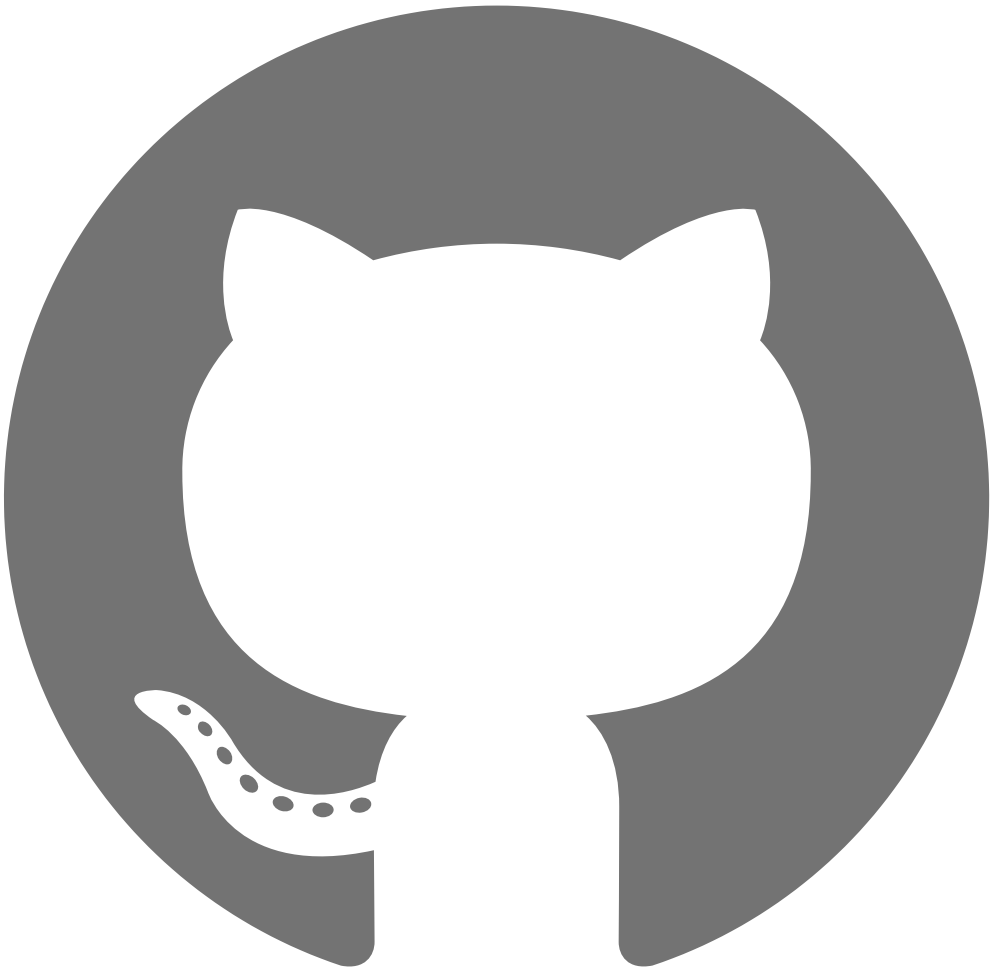
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