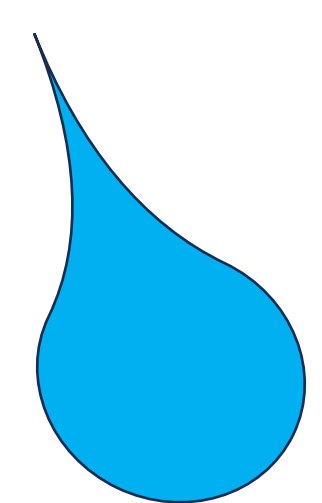
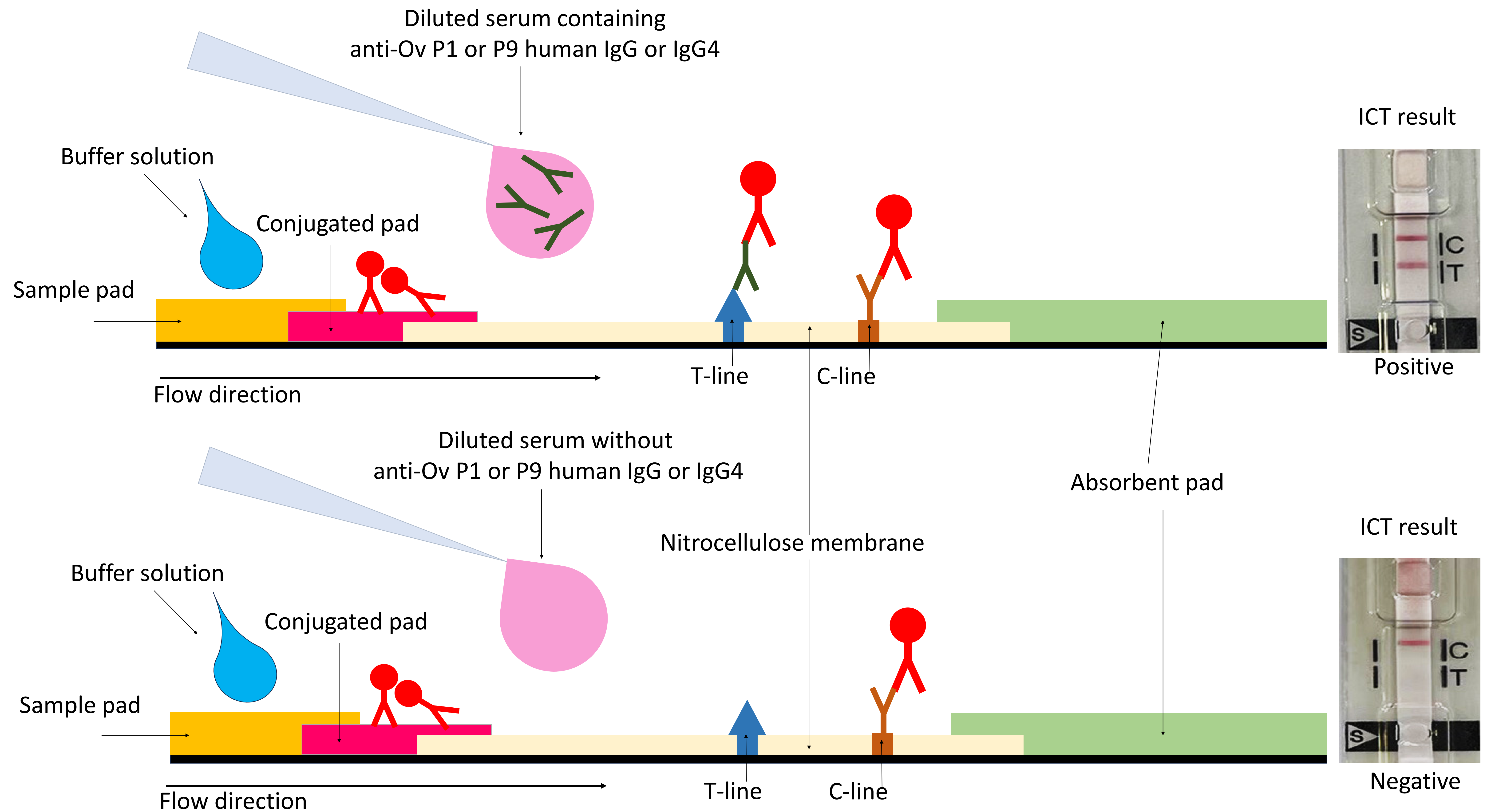
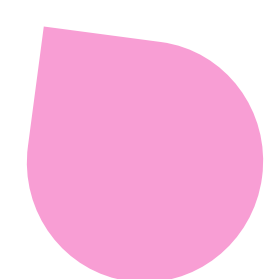


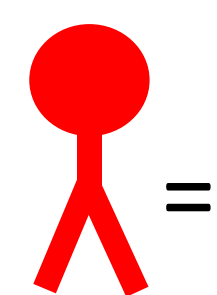
Figure S1. Schematic of the experimental design for ICT production and use.



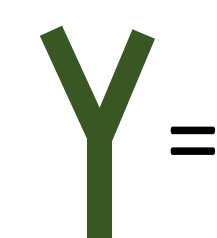
= Buffer solution



= Diluted serum



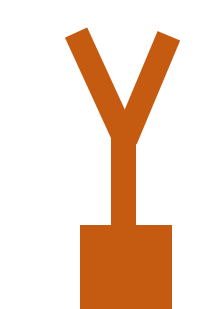
= Gold conjugated monoclonal anti-human IgG or IgG4



= Anti-Ov P1 or P9 human IgG or IgG4



= Test line (T-line), P1 or P9 recombinant antigen



= Control line (C-line), anti-mouse IgG

Figure S2: Proteins shared between excreted/secreted (ES) products, exosome-like vesicles (ELVs), and microvesicles (MVs).

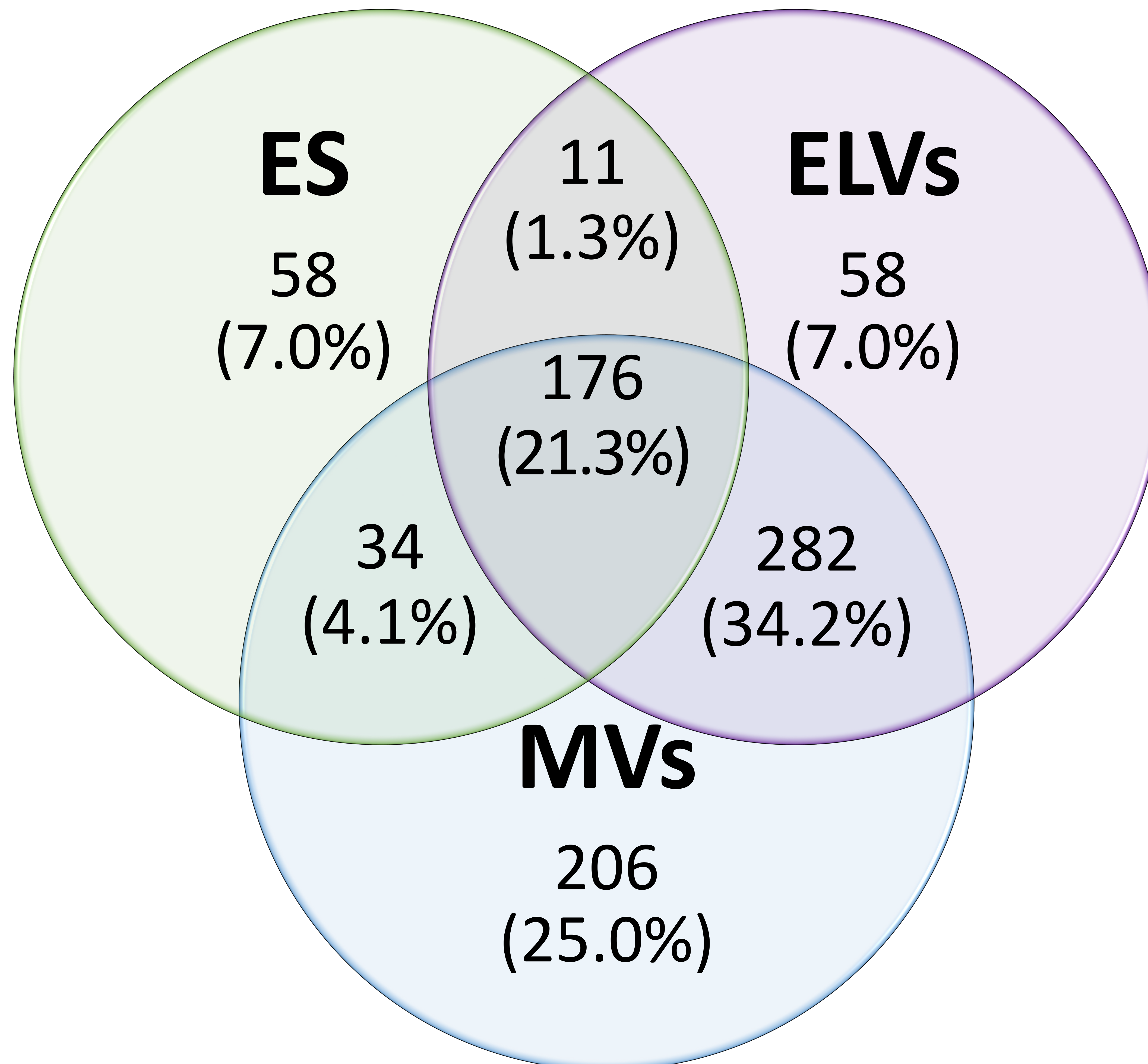


Figure S3: Comparison of P1-IgG, P9-IgG4 and ES-IgG4 ICTs for diagnosing O. viverrini infections.

Heatmaps of the data presented in figure 4. Showing positive ICT signal above cutoff in red, negative signal below cutoff in white, and not tested in black. Ov positive samples (A), Ov and CCA negative samples (B).

A: Ov positive (n=114)

Egg infection intensity	High	Medium	Low	Very Low	Positivity
ES IgG					NA
ES IgG4					69.3%
Combined positivity by group	100%	82.40%	61.80%	84.20%	
P1 IgG					52.6%
P9 IgG4					76.3%
Combined					88.6%
Combined positivity by group	100%	100%	89.5%	73.7%	

B: Ov and CCA negative (n=74)

Positive Negative Not tested

Endemicity?	Endemic Ov/CCA negatives	Non-endemic Ov/CCA negatives	Positivity
ES IgG			0.0%
ES IgG4			2.0%
Combined			3.4%
Combined positivity by group	0.00%	50.00%	
P1 IgG			16.7%
P9 IgG4			12.5%
Combined			29.2%
Combined positivity by group	25.7%	32.4%	

Figure S4: Association between *O. viverrini* infection intensity and positivity rate of ICT-PoC diagnostic tests for P1 and P9 antigens.

P1-IgG4 (A), and *P9-IgG* (B) ICT reactivity scores of 114 *O. viverrini* infected subjects (ranked by EPG intensity) and endemic (Thailand) and non-endemic (Australia+Thailand) uninfected controls. Uninfected control totals vary as not all subjects were tested due to sample limitations. The median values are denoted by thick colored lines and quartiles as black dashed lines. EPG intensity was categorized as follows: Very low, 0-100 EPG; Low, 100-1000 EPG; Medium, 1,000-10,000 EPG; High, >10,000 EPG. Positivity cut-off is marked with a dotted line.

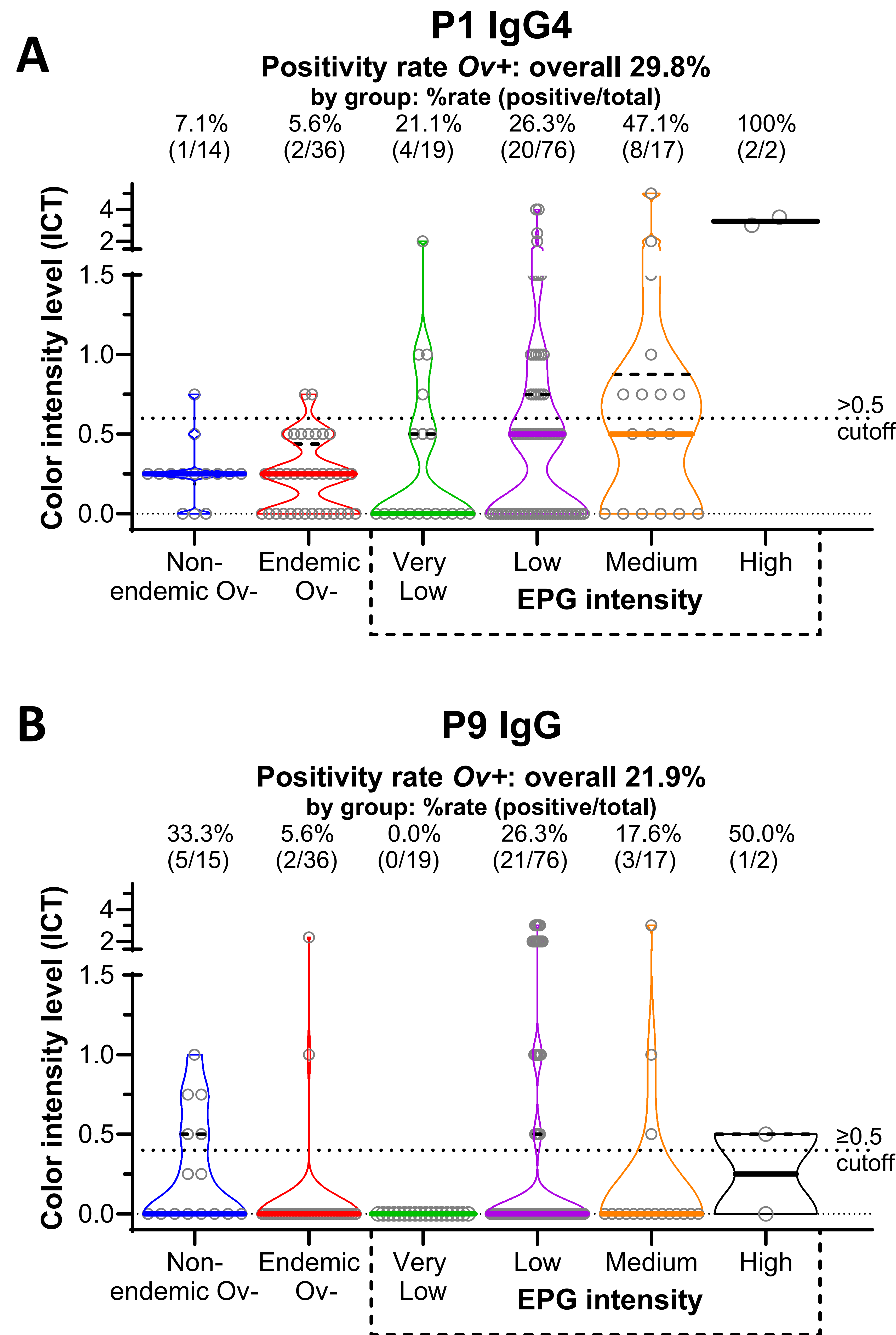


Figure S5: Graphical summary of ES or recombinant protein for *Ov* and CCA detection.

Here is shown the final combined IgG and IgG4 positivity rates for either *Ov* or CCA detection using ES or P1+P9 as the ICT bait.

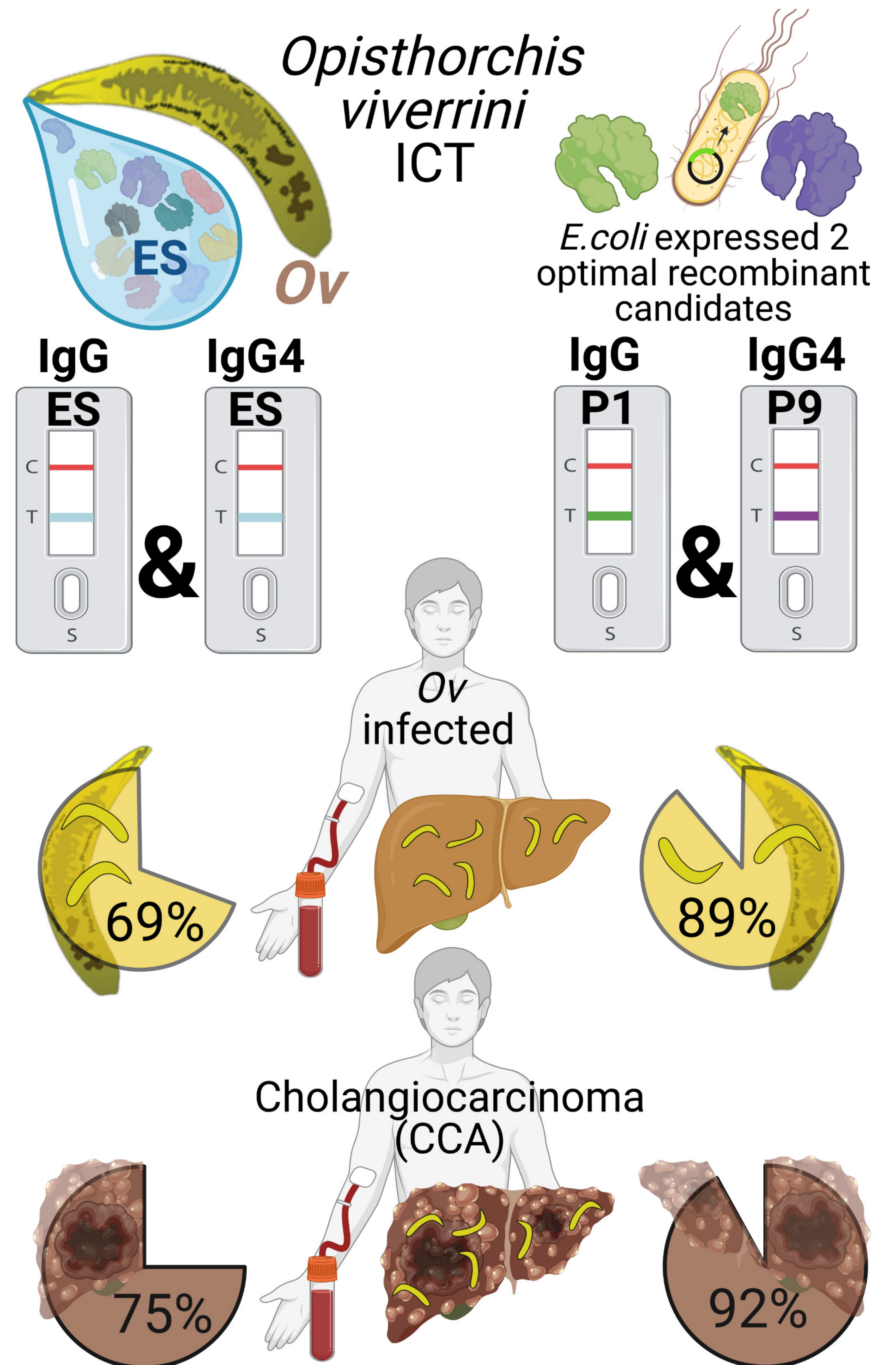


Table S1: Patient demographics table. Demographic data from cohorts who provided sera employed to probe the proteome microarray and ICTs. §: two of 50 CCA cases were FECT positive. Footnote: EPG, eggs per gram; FECT, fecal egg count technique; ICT, immunochromatographic test; AU, Australia

Sample type (analysis method)	Countries	Areas	EPG range	Total sample numbers (female/male)	Range age (Years)	Mean age (Years)
Heathy subjects (array)	Thailand	Endemic	N/A	50 (39/11)	21 - 60	32.9
Heathy persons USA (array)	USA	Non-endemic	N/A	50 (36/14)	20-59	37
Heathy subjects (ICT)	Thailand	Non-endemic	N/A	15 (15/0)	21 - 87	25.9
Heathy persons AU (ICT)	Australia	Non-endemic	N/A	22 (11/11)	22-58	40.1
Heathy subjects (ICT)	Thailand	Endemic	N/A	37 (26/11)	25 - 58	39.1
Opisthorchiasis, FECT+ve, EPG unknown* (array)	Thailand	Endemic	N/A	50 (16/34)	N/A	N/A
Opisthorchiasis, FECT+ve, EPG known (ICT)	Thailand	Endemic	100 - 5,252	50 (25/25)	26 - 60	49.8
Opisthorchiasis, FECT+ve, EPG known (ICT)	Lao PDR	Endemic	0 - 12,900	64 (40/24)	14 - 63	41.6
Clonorchiasis (array, ICT)	China	Endemic	24 - 39,480	50 (13/37)	15 - 70	42.3
Cholangiocarcinoma (array, ICT)	Thailand	Endemic	2/50§	50 (20/30)	32 - 81	59.7

Table S2. List of *Opisthorchis viverrini* cDNAs selected for expression in the pXI in vitro translation vector.

All entries share:

Insertion point name: pXI vector

Vector name: pXI vector

Vector length: 3271

Score: STANDARD

Index	Name	Insert length	Construct length	Insert sequence
1	OON16065.1	300	3566	AAATTAGATAACGTACAGGATATTATGGACGATATCGCGGAGCAACGCGAAATTGCACAGGAGATTTCCGATGCCATCAGCAACCCCGCCACCTTTGGCCTGGAATTGACGACGATGAAGTGGACGTGAATTAGAGGCGCTGCAGGCGGAAGACTTAGAACGTCAAATGCTGGACGTAGGCCCACTGCCGATGTCCCATCTATTCCAAGCCATGAAATCGCTGGTCCGAGCAGAGTCAAGCCACAGGCCGACACGAGTGAAAAAGATCTCGAAGAGCTTATGGCTTGGGCTGAATGA
2	OON17839.1	300	3566	ATGGAAGGTCGCGATAGCAAAAAAGCGCAGGTCATCAAAGCCGAGATGGATCTGGAAGTGCAGGATGAAGCCATTATACGCGCCGCTGAAGCCTGTGATCGCTATGATGAAGTTAGCGAGATTATCGAATTCGTGAGAAAAGAAATTCGACAAAAAGCACGCGACGCTGTGGCATTGCTTTGCCGGGACTAGCTTCTGTTCCGCACAGACCTCGGAAGAAGACCTGCTGTTTCTGAGCTGCGTAATGGCGTTTGCCGGGACCGACCTGACGAAAGTGAGTGAATTTATGTTGGATCGCTAA
3	OON13365.1	309	3575	GAAACCATTAAAGTGTATGTGTGCAGTCAATGCCAGTACCGTTTGAACCAGAGGGGCGCTCGCCAGCTGGGTAACTGTAAGTATTGCCGCACACAGTATAATTACCTGTCTGCGGATCGTGTACGCATCGAGAAAGATGCGGTTGTGCTGTGTGGAGAAAGATCGTGTTCAACACAGCCAGGGCATGAAGACGGAATGCTGCACGACGAACCTGTGTAACCCGGCGACAACGTCTACACCGTCCCGTCGGATTCTGGCCACCGCAGGGTTGCTCATGAGTCTGATTTCTAGCAAATCACTGCTGTAA
4	OON15995.1	309	3575	ATGTCGGGCCGGGGCAAGGTGGTAAAGGGCTGGGCAAGGTGGTGCCAAACGTCACCGTAAAGTTTTGCGCGACAATATTCAGGGGATCAGAAAACCGGCCATCCGTCGTCTGGCGCGCCGTGGCGGAGTGAAACGCATCAGCGGCTGATCTATGAAGAAACCCGCGGGCTTCTCAAGGTGTTTCTCGAGAATGTTATTGCGCAGCTGTGACGTACACCGAACACGCGAAACGTAAGACGGTTACGGCTATGGATGTAGTTTACGCGTTAAACGCCAAGGTCGTACCTTATATGGCTTCGGCTGA
5	OON18031.1	312	3578	ATGCACGAACTGGGAGGGTACGTTGAACGGTTTAGCCAACAACCTGCACCAGGCTTCATATCGGCTCGGAGTTTCGTTTGAATCACTGAATGCAAACCCACATGCATATCCTCAAGCATCACTGTCCGGTGAAGGTAATTCAATTTGGCGTTTCATCTTTCCGTTGCACTACATTAAGCGGAAGATCGTATTGAGTTCAAAGATAAAGGCCCTTTGATGTGCAACCTATCACCATTAAATCTAACTGTGAAGTACCCCTGCAAACTCTGGGATGCGGATGTTTTCTCGGACAACTTTTTGGGCAATAA
6	OON22456.1	315	3581	ATGAAGAATAATCGCGCCAATGCGATTTTGATAGCCTGCTCCAAGAATCCAACCTCTCGCTGGTGGTAGTGGAATCTTCGCGCACGTGGTGTGGTCCGTGTAAGACATTGCGCCTAAATACGTTTCTGTGAGCGCAGCTACCCGGGTGTACCTTCGCAAAAGTGGATGTGGACCAAGTACCGGATCTGCGGGAAGAGTACGGCGTAACAGCAATGCCGACCTTCATCTTTTTTAAAAATGGGAAGGCGGTGGAACCGTGCTGGGAGCCTCCATTGAGAAAAGTGAAGCGGCAGTCAAAAAACACGTGTAA
7	OON17055.1	318	3584	ATGACTGAAATGGTCATCCACCGTTGGGATCCGGCCAAGGATGGTGAATTATCATTACAAAGCATGTTGACCAAACCTCAAAGCTGAAGGTTGCGGCTGCGTTGATTATGAGTTTTCCCCGGCACATCTTTCTCTGAACATACACATTCCAGGACAAAATGGAGTGTATCGTCAGCGGTGAGCTTTGGTTTAAAAATGTTTGGGAAAGAAGTTATCCTGGGACCGGGGATCGTTTAGAGGTGCCACGTAATACTCCGCATAGCGCACGCGTCCATGGTGATCAGAAGGTTGTGTTGTTGACGCAACGCGCCGTTAA
8	OON22909.1	318	3584	ATGGTGAACAAATTTGTACCAAGGCGGAGTTAAACAAAGAAGTCAGTGGGAACCTCAGGCAAAATAGTTGTGATCGATTTCATGCGGAGTGGTGCGGCCCGTGTCGCGCAATCGACCCGAAAGTGGCTAGCATGGCAGAAGAATTTAAGGATGTGGTGTGTTTAAAAAGTGAACGTGGATGTTGGAGAGGAATTAAGCAAAGCTTACTGTATTACCTGCATGCCGACGTTTGTAATTTCTTAAAGGGGGCGCAAAAAGTAGACTCCTTTAGCGGCACAGACGAGAAAAAGCTGCTTGAATGGTAAAGAAACACAAATGA
9	OON14338.1	324	3590	GACCCCAACCGGATATTAACCGGAATCACTACTCTTTGGCAATCGTATCTGCCATTTGTAGAACGTGTGCGTTACACTCTGCAATACCACGGCATTGAATTTGATTCCATTCATATTGCGCTGGATGCCAAACCGGATGTTCTCGGAGATTTCTCCGACGGGAAAAAGTACCAGTGTTCTGACCAATGATGGTAAAACCATCGTCGAATCCGATGTTATTATGCGCTTTGTTGACAAAATGAAAGGCGAGAAGACGTGCTGCTCAGTGTATGCGGTGAAGAAGAGTTCCAGAAAGCGTGCGAACTGTCTAGCTAA

10	OON15855.1	327	3593	ATGACCGTACCGGAAGGAGACAGCGAAAAAGGCCAAAAATTATTCGTGCAGCGTTGCGCGCAGTGTACACCGTGGAAAAAGCGGTAGTCACAAAACCGGTCCCAACCTGAATGGTCTGTTTGCCGCAAACTG GCCAGGCCCGGGTTATAGTTATACAGCAGCTAATAAAGATAAAGGTATTACCTGGACCGAAGAGACCTTGTTTGAATACCTGGAATAATCCGAAAAAGTACATTCCGGGCACCAAAATGGTGTTCGCGGCTGAAA AAAGCCGAAGACCGTGCCACCTGATCGCCTACTTGAAAGAAAGCACCAAAATGA
11	OON14597.1	336	3602	ATGTATGGCTGCCAACAGCATCCGTAGCGCGTTTACTTTATTACAATGGGTTCCAGAAATCATGCACTATTGTGAGCGGTACCACTTCTGCTGGTGGGACCCAAACCGATCTGCGTGACAGTGATTCCACCGTCG GTGCGAACCGCGGTAGCAAAGCCCGCTTTATTACCCCGGAAGAAGGACAGCGCTGGCCAAAGATGTGAGGCGGTAAAAACGTTGAATGTTGCGCGTTGACCCAGCGTGGCTTAAAAACGGTCTGGACGAAGC AATTATTGACGCGCTTGCCCCCTAAAGTGACCCAGACCCGCAAATGTTGCTGATCTGA
12	OON15200.1	339	3605	ATGGTCACCGAACAGCCGCGCAAAGTTTTACGAAACGGGACTGGATCGATGGACTGTATAGTTGCACCAACGATTGCCGAGCTGCTGGTGCCTGTGCTGTTATCCTTGTTACATGTGTAGTATGTACCGTCGC TATGGTGAGTGTTGCGGAACGCCGATGGGAATCGTATTTCCCGCTTAGTGCTGCGCTCTATCATCGCGCTAAACATAATATCCAGGGTACCCTGTGCGGTGATTGCGCTGTTGACTATTGCTGTACCCTGTGTGCGG CTTGTCAACTCGATCGTGACATGAAATACGTAGAGTCGACGACCGGGATTCTGAACACGTAA
13	OON18295.1	351	3617	ATGAGTGCAGCAACCAATCATTACATGACAATCAAGTTCATCGCGCTGACCAGATGACAGTCATCAACAAATCTTCTTTGTGAAGTGAAGTACACCTTTAAGTTCGCGCAAGAATTTGAGTACGATGATGCGACC GGTCGCCGCTCACTGCTGTGTTGCAACTCGCATCGCGCAACAAGTTGATCGAAAAGCAACGTTTGCTCTCACACCACCTTAGAAATTGTTGCGGAAGTCTTCGCGCAGACGATTTTTATGATTACGCTGTTTTGCTCG ACATCCAATGGTCTAATATGTTACGATTGGAGTCCGTGATGATGTGAATTCGATCGCCAGTCTCTGGAATAA
14	OON23940.1	354	3620	ATGTACTACCGTGGCGCAAGCGCCATTATTGTCTATGATATTACTAATCCCAGCTCCTTTGAGCGCGCCAAGAGTTGGGTCAATGAACTCAATGAACGTAGTAATGCTGTGAAAGTCATCGCACTCGCGGGCAAC AAACTGGATCTGGATTTCAAACGCGCGGTAAAGCACCGAAGAAGCTCAGGCATATGCGACCCAGAACGGTCTGATTTTCATGGAACGAGCGCAAAAGCGTGTACAAACATCACGGAGCTGTTACGGCCGTGGCACT GCGCTGCCCCGCGATGCGCTGCGAACCAGCGGTGGCCAGCAACTGCAGGGCGCGGATACTGCAACCCCGACTTAA
15	OON19775.1	357	3623	TCACGCCGAACAGCCCTCTCCTTGCGGGTATCAGGAAGCTGCCGCTGGCGAGCAAAATTTGCCGAGTTAATTGCACTATCATGGCTTCAAGTCACGAAATCTAGCCCCACTGCTTGCATGAACCTGGAG CCTGAAATTTCTGCTTGAAAAACAGGTGGTAGCGGGCGTGAATTATCGGCTGCTGGTGCCTTCGCCAACGGATCTGCCATAAAATTGTCGTATTTGAACCTTGCTGCTGCGTGATGAAATCGATGGCGAATAC CGTCAGAAGCCGATGGAAGTGAAGTCAGTAGATAGTGCGGAGTGTCCGACAGGACCGGTACATGTCGGTTTAAAGTCCTAA
16	OON18564.1	360	3626	ATGACCGACATGACGTTCCCTGAGGATCCGCGCATTACCGATCGCATCGGGGAGACCATCTTCAAGGCCAGCCGTACCACTGGTAGTTAACGTGATTGAGGCCCGCGCTTGTCGGTACCAATATCAACCTGTA GTTACTGTTACTGTAGGCAAAGAGGTGCAGAAGACCCAGCGAAATTTGCAACCAATACCCGTTTTATGATAGCTTCTTTAGTTTTGACCTGCAACGTGCGCGCCAACAGTTGCTGACCGAGACAATCAAAATCCAA AACTGTTATGGCTATGCCATTCTGGGGGTCTGATGACGGCTGATCAAATGAGCTACATCATGGGCAACACACCGAAGTTAA
17	OON13688.1	363	3629	ATGACGGAGGTGCAAGCCCAACCTCTTCTGCAAGCGCAACAGAAATACGGTGGCGCAGAAGGCGCGGATGCGATGTATGTTAAATTAGTGTCATCGATGATACGAATTCACGTGCGCCGTGAGTATGCGCTGAT TTCGGTACTATTAAAGCCATGCTGAGCGGACCGGGCCAGTTCCAGGAATCGGAGACGAATGTGGTGCATTTTCGTGAAATCCCGAGTCAATGCTCCAAAAGGTGTGTAGTTATTTTGCTTACAAGGTGCGCTACAC CAATTCATCGTCAGAAATTCCTGAATTTCCGATTGCGCCCCGAAGTTTGCTGGAATTACTCATGGCCGCAATTTTTAGACTGTTGA
18	OON16673.1	366	3632	ATGCCGATTTGCGGTGGCGTGCGTCCGTGCTTTTGCACTTACGCAGCAATAACTGTAGCATCATGCCGTTATGCGGTGGCGTAGGTGATGCACGTACCCGACGCGGAGGAGAAACAGAAATTAGAATCTGTCCT GCATCAAAGCTTGACACCCATCTGGGCAGCAAAACCGGATAGTTTGGAAGTGGTGAGGTCGCCACTCAAGTTGTGTCGGGCACTAATTATTTGCCAAAGTAAAGCTGAACGGCGATAACTATGTACACGCCGTAT TTATGAAAAGCTGCCGTGCCATGGCGGAACGACGGAATTCATAGTATCCAGAAAGACAAAACCCAGCTGACCTCTTGTTATTTTTGA
19	OON18644.1	387	3653	GGCGCCCATCCAACCCAGCCGGCTTCTGGGCTGAATAAACCGAAATACGCCCGCGTGGAAGGCGTGACACCACCGTGCTGGGGCATTGGGGCTCACCTTGACGGCCCATGGACAGCGTTCGAAAAATGTCTT TCTGAAACATGACGTGGATCGTAGTGGCAAATTTACGGCAGAAGAATTCGCGAAGCGTTGCGTAGCTGTGGGTATACCGTGTCAAACAAGTTCTTCAACGCACTGGTTCACCGTTATCAGGATCCGGACACTGAGGT GATGCGGTTTGAAGACTTCATGCTGTGCGTCATTGCTCTGAAGAACGTCTTGAAACTAGCGCAGCCCAACCAAAACCTACGAAGGCGCTCCAATGTTTACCACAGATTAA
20	OON21009.1	390	3656	ATGCCAACCGATGTGTACTTGTACCCGTCGCTGCAACCGAAGGTTACCGGAGCGCTCCAGCCTCTCCGCGCAATGCAGGCGGTGCAGCCGTGAGTGTGAAATCGGCAAAACATTCGCAGCACAGTACTATCAGAC CCTTCAGACTAGCCGCCCTGCCATTTCGCAATTTTACCATTTCGCGGTGATTAATTGCCCTCAGGAGCAAGCGCGTATGATCTATGAAGGGGATGAGGTTGTTGGTGGGAAAAACATCGCGCAGAAATGCAAAACAT TAAATGTAATACCTTACAATTTGCTCTGTCTAGTGTGATGCCAACCTTGTGGCAACGCGATCCTGATTCTGGTATGTGGCCAGCTGCAGGTGGGGTTTTGTTTAGATGAGTAA
21	OON14177.1	399	3665	ATGGCCGCACTGTCTTTGGGTATGAAATGTCTTAAATGCGCAATTTGCGCGCTGTATTGATTATTGTTGGGTGCTGGGTCCAAGTGAAATCTCCGATTATGGCCCTGAGCTGCAGAAGATCTGGCAGGCGGCCCCC ATTGCCCTTATTGTGTGGGAGCGATTATCCTGCTGGTGAGTTTTTTAGGTTGCTGTGGGGCCATTAAAGAGAACGTGTGCATGCTTTACACCATTGATCCGAAATTTGAAAAATCTTGAAAGATGCCGTTGCTGATT ACCTAAGCCTGAGATTACAGCAGACATTGATCTGATTCAACGCACCTTCGAATGCTGCGGAGCGACAGGCCGTGAAGATTATGAAGTTGTGCCGAAAGCTGTGGCGCTTTATCACCTAA
22	OON16772.1	399	3665	ATGACGCAATTCTTAGGAACTTGAAACTGAAAGACTCGCGTAATTTTGACGCCATCTCCAGAAACTGGGTGTGAATGTCGTTAAACGTAAACTGATCACATCTCAAACCGGAGGTGACATATACCATTGATGGC AACAAAATGACGATCCGCACGTGTTACGATTAAAAACGACCACCATCACGTTGAGTTCGGCAAGAGTTTGAAGAGCGCACCGCGGATGATCGCACAGTATGAGCACGTTACCAAACAGAGCGAAAGTAAAT TACGCAGGTTCAAAAACATCCAAACAGCGTGACCACCACAGTTTCGGGAAGTTTCGGGAAACACTTTAACCGCAACCGTTACTGTCGACGATGTCAAAGCCGTAATGTATACGAAAAACATTAA

23	OON17206.1	399	3665	ATGCACATCGTTTGCCTGTCCGGGTATTTTCCCAGCTGGTCTGGAAAGATTCCAAACTGGTAGGCTTTGGTCGCGCCACGTCTAGCGACGGCACTGCATCGTACATCGTCGCGCACTACTCCCCAAAAGGGAATATTCGTGACCGTTTTACGAGAATGTCCCGTATGCATCACGCCGCTTAACCCATAGCAGCCTTCAGGAACTGCGTCCGCCAGAGATTAGCAGCCGTCCGGTTTTCTACCCTGAGCAGTAAAGAGTTGAAAAGACGCGCAAAAACAGGAAAAGAAGCTCCGCGAGCGTCAGGAAAAGGAACGCAAGAATTAGAAAAACGCATGAAAAAGAGCAAAAACAGCGCGAAAAAGTTAGAAAAAAGAAAAAGCGTAAAAGCAAAGCCTGA
24	OON19685.1	408	3674	ATGGGCGGCCTGGAAGTGCCTTCTGACTATCCATATACTGGTAAAGATGGGATTGCTATATGGATCAGAGCAAATTTGTGGCATATGTCAACGGCTCCACGCGCTTGCCGTGGTGTGAAAAACAGCAGGCCAAAAAGCTTGAAGAAATCGGCCCACTGAGTAGCGGGCTGAACGCCGTGCTGTTACAGTTATATAAACGTGGGATTATGCGTCCGCGTTGGTGTAAACCCGCGCAGAACTGAACCATGCAGTCTTAACCGTCGGCTACGGAATGGAACACCGTATGCCGTACTGGATTGTCAAAAACAGCTGGGGCAAGCGTTTTGGCGAAAAAGGTTATTTTCGGATCTACCGCGGTGATGGCACCTGCGGTATTAACCGCGCGGTACCACCGCAGTAGTTAAATAA
25	OON19793.1	408	3674	ATGACTCAGTTTTCGCCGCGTATCATTAACTGTCTTGGGGCTCCATTACCGTGGAGTCTACCGAAAAATGGCAAAATCAACAGCAACGAAACGGTTACCTATCGCGATGCGAAGCTTTGGCCAGGGGGCTCTCGCGCTGGGACTGGGCAGAGACGGGTACTGGCCATATGGGAGGCATTCAACCGACCGATGTTGACGAGCTGATCGCCTACAACCCAGATACCGTGTTTTGACGCGTGGGGTTTTATACGTTCTGCAGGTCCCTGAATCTACCCAAGCGTACGTGCGCGAGAACTCCAGGGGTTGAGTTGATCGTTGAAAATTACGCTCCGCGTTGACCACCTATAATGCTAAAGTGGAGCAGGGGAAACGTGTGGTGCCTTGATTCATACGACGTGTTAA
26	OON16678.1	411	3677	TTGGCGGCCGCCAAGCTGCCTGCAGGCCTGACGACCGGTGACTGGCCCCCGTAGGTACGCAGTGTACCTTTGTAGGATGGGGGTGCCAGAAATATCAAGGTGAGCCGACTGCGAATCTGCAGGTAGTCGCATTACGCGTGGTGTCTCATGATGCGTGTACGGAAATGTATAACCACGGCGCTGGTCTCAATGAACACCACGAGTTCTGCGCCGGTTACTATCAATCCAATGTTGGGATCTGTGCAGGGGATAGTGGTGGTGGATTGATTACGATGTACGAGCGTCAGGTCTGTGTTGTGGCGTTGCGAGCGCAGCCACGCGCGCCAGCCCCAGTCATACCCAGGTCTGTTTACCCTGTTTCCGCCTTTACCAGCTGGATTGAAAAACCGTGGATTCAAATCTCTGA
27	OON21145.1	411	3677	ATGGGCAAAGCGGTAAAGCCGCCAAGGGAGGCGATCCCAATAAGGGGGCGAACAACAAAAACCGGGCGGCACCTCCTCCGCGCAAAGCAGTGCCGCGCGCGCAAAGTCAGCAAGGCAGGTACGGCGGTCAAGGTACGCCATATTCTGTGTGAAAAGCAATCCAAATGTTTAGAAGCACTGGAACAGCTTCGGAACGGTAAACGTTTCAACCAAGTTGCGGAGGCGTATAGTGAGGATAAAGCTCGCTCTGGTGGGGATCTGGGTTGGATGACACGTGGTTCTATGGTGGGAGCGTTCAGGACGCTGCTTTCGCTTGCCGTTGTCTACGTTAGATAATCCCAAATATACAGACCCCCGATCCGGACCCAGTTTGGGTATCATATTATCATGGTAGAGGGTAAACGCTGATG
28	OON17951.1	414	3680	ATGTGCTGTCCGGCAAAGAAAGCGGAAATGTTGGAGTTATTATCCGTCTTGGACAAAAATAATGACAAAAAAGTGTGAGTTGATGAACTCAAAGAATTCTGGAACAAGGACGCGGTACAACCTTGGACAAAGACATCGTGACAGAAATTTATCGATAAGCACGACAAAGACAAAGATGGCAAATCGGATCTGGAGGAGCTGGCCGAATGTCTTGCTAAATCTGAGGTTAAGGCCGTCTGGAATGCCTGGATTCCAATAAGGACCGTAAAAATTCAGTTGAAGAAGTCAAACGTTTTCTGGATTACAGCAATTGCATCTGAAACGCGAGGATGTTGAAGCCTTCATCAAACGCATGACGCCGACAAAGACGGTAAACTGGACCTGGATGAGCTCGTGGCGTGCCTCTCGTGA
29	OON23395.1	414	3680	ATGTATGAGCTGAACGAAAAAGACCTTCAGGAAGCCCGCATGTCTTTAGCTTATTTGACTCCGTTGGGGACGAAAAAATCCTGGTAAAAGACATCGGCGAAGTCGTCCGCGCGCTCGGTTTAAACCCCACTGAATCCGATATTCGTAATTTAAACAACCGTAACGATCCGGGCGAACGCATTACTTTCGAGATGTTTGTCCCATCTACCAAGCGCTTGCCAAAGAACAGAAAGATTAACCCGGAGGAATTCATTGAAGGCTTTCGGGTTTTTGACAAAGAGTCGAATGGCTTCATTTCCGCTGCAGAATTACGCCATTTACTGACCGCTTTAGGCGAGCGCTGCGGGAAGACGAAGTGGATCAGCTCCTTGCTGGCATGGAGAAGTCTCAAGGCTTAGTGCCGTATTAA
30	OON20808.1	420	3686	ATGCAAGACAGCCTGCAGAACCTGCCAGCCGTTTGATGTACACTGCGCTGTTGAGCGTGCAGAACACCATGAGCACCATGGCACGCCGTGAGCTTGGGCGAAAGCGATTCTCTCGCACCATGCAACAAGTAGATCCTGGCCATAAAGGCTATGTGACCTTTGATTCTTTTCTGAATTTCTGTGACACGCGAAAAACGCCGATGAGGACACGGCCGAGCAAATTACACAGAGCTTTAAGGTACTTTCGGCGGATAAAGGCTACGTAACAGCCGATGACCTGCGTCGTACCTCCACCTGATGATGCCGAGTATTGCATCAAACGTATGATGCGCGCCAGTGGAACCGCATGGCGATTGAGGCGCCTGAACTATGAGCAGTTTACATTGGAAATTTACGGGTCCAGAAACC
31	OON13881.1	435	3701	ATGGACTTGGATACCGTTCTCGAAACGGAGTTTCGCGAAGTTGACAAAAACCGCGATGGGGCACTCAGTCTGTCTGAAATCGCCGACTGTCTGGAACGGTTTGGTTTCAAAAAGTCTCGTGCCAAAGAAATTTCTTAAATTTTACGAGAGAATAAGGATGGGAAAGTGTGTATGGAGGAATTCGTAAGGCGGACTCAGCGCAAATGTGCGCCCGTGATTACACCTGTTGCCAACTGCGCCGATGTTTCGCTCGATGGACAAAGATAATTCTGGCAAGATTTTCGGGTGAAGAATTGAAAAAATTCCTGAAAAACCAAAACAATCTGGTTTTTCCGAATGCCGTGATCAGTGGATCGAGGATAATGATCGTGATCATGACAATGAATTATCGTTGAAGAATTTGTGGATTTGTAGGTTTCGCTGATGAATTA
32	OON16991.1	435	3701	ACGTGCAATACCGCATGCAATGGGACAGTGATTGACACCGCCCGTGTAAAGCTCATTGAGAATTCTGAACAGAAGGATGATTGCAACCTGTGCATTATTTATACCGATGACAACTGCCGCGTGTTCCTACTTATCGCTACAGCGACGCGATCTATGTAACGCGTAAAGTGGACTTAACATTATGCGTAAGTCGGAGTGTGTCAAAACCATCAATATCTTGATATCTGTGTTAGGTGTCAATTGCCGGCATTGTCTGGGGGGGCTTATCCTGTTGCTGATTTATAAACTTGTCAATTACCATCGATGATGTCGGGAGTTGGCGAAATTCGAACAGCAGGGGGAGAACATGCGGTGGGAAATGGCAGAGAACCCTTTTGAATCCCCGACCAACCAAGGTGATTAAATCCGACGTATGAGGAAACGGCGTATTGA
33	OON16578.1	444	3710	ATGACAAGTGAATCAAACCTTCGAAGAATGTTTAGATGTGTTTAAACCGTATCAAATGCAGCACACGAATATGTACGCCATCTCCGCGTTGAATCCGAAGAAATCATTGTGGACAAATTGTCTGACTCTGGCGCTAATAACGAGGACTTCTGGAAGATATGCATCGCCGCGCAATACCGGCTGCTTTGCCGTATCGACTTCCGTACAAGCGTGGTATGTCTACCGATAGTAAGCTGTGGATTGGCTGCAGTCCGACTTCCACCACCGTAAGTTCCGGGTGCGAGCTTTTGGATTACCATCTTCTTTCGGGTCTGAGCACCTGGATTGGTGCAAAACCTCTTGCTCTATTGTCTGCCGCCATTGTGCGGTGGACGCAATTGAGTAGTGACTGAAACCAAAACCACTACACGATTAACAGCCTGTTTACATAA

34	OON16820.1	444	3710	ATGGCAGACGCTGATAAGTATGATGAACAGCCACTGTGTGCCAACTGATTACCAAAAATATTGATGTGTGGGCGATTGGTGCTATGCTCGGAAAATGTTCTTACATCAGAAAAACAACGGCCATCCAATCTACGATGTCCGTCTCAACAGCAAAGTCATTCTGAAGGCTATCAGGGCAAAGCCAACTGTTTGGTTGGTATATGTACCCGGTTGTCCGCACATGCCTGATTAAATTAATCCGCGAAGCGACTCTGGGCGGCGTGCGCATTGTTAATTGTTATCAGATCAAGACCGAAATCGTGGAAAGTGCAAAAAGTGGGTACCTATCATATTGAAACGGAAAAAGCGTTGATTACTCCACGGTTCAACTGTTGGCTGAAAAAGCTAATGAAGGTCAGACTGGCTGCGCGTATAACGCCTTCCCGCCGCTAAACTGTGA
35	OON18086.1	447	3713	ATGGAATCAGATTTCGCTCTGTTGCGTTGTGCGTTGGCAAATACCACCTGCGAAGCGATTCCGATTCCGGAAGGAGCGAACTACCACATCAAAGTAACTACTACGTCCAACGCGATATCGTGACCGGCTGCAGTACGCACAGAGCGTGTATCGGGGTCCGGTGCAGCTGGACCGCTCAGTGCATGATGGGCTCTTATGCACCGCAGAATGAAGTGCGGGTTTGAAATCGGACACCTTTGAAGCTCCAAAGGCGCAATGCACCGTGGGACGTATCACATTAAATCGCGTTTGTGACGCTGATAAAACGAGTATGTGCTTGGAAATGGGACATTAGGTTCTGGGTGAATATGCTATGCAGAATAGCGACTTCCAATGTGCTTCGCGTTCGTGACCGCCACCACCATCGTGTTCTTTCTGAACCTTAGCTTCAACTAA
36	OON14669.1	453	3719	ATGGCACCACTCACAAAGGACGAAGTTGACGCAATTCTTGAGGAATTAATCCGTAGTAAGCACAGGTGAACAACGTACTGAATTTGGCAAGGCCATCTTTATGGCATTATTTACCGCGCACCCGGAATACATTGGTTGTTTCACCAAAATGGAGGGTTTAACCAAGGATAATGTGGAAGCCTCTGAAGGGATCAAGTATTATGGCCGTACTTTTACCAGATTCCATCCTGGAATGCTGCAGTCGCTTCAGACGATGGAGAGTTAGAAGCTGTCCTGGAGAAGAGCGGCAAAGAACATACGACCCGCAATGTGACAAAGCAGCAGTTTCTGTCTGCAGAACCAGGTGTTTATTGAACATTTTAAAGGCGTTCTGACGAAAGAAAGCGAATAAACAGAGCATGGAAAAATTTTCAAACACATTATCCCGAAAATCGCGAATCATCTGGATTGA
37	OON17643.1	456	3722	ATGAAAGCTGTCTGCGTTCTGAAAGGAGACGTGGGTGTTCAGGGAAAAGCTACGTTTACCAGGAAGTAGAGAACGGTCCGGTTACGGTGGACGTTTCATATCACCGGTCTGACCCCGGGCAAGCATGGATTCCACGTACATGTGTTTGGCGATACCACTAACGGTTGTGTCTCTGCGGGGCTCATTTCAACCCGACTGGAGTGGATCACGGGGCCCCGGAGGATCCTGTGCGCATGTAGGGGATCTGGTAATGTAGAGGCGAATGCGCAGGGTGTGGCGCAGCATGTGTTACCGACAAAGTGATCTCGCTGAGCGGTCCAAATAGCATTGTGGGACGTACTATGGTAGTGCACGAGGTGAGGACGATCTGGGCCGCGGGGGCATGAATTCATAAAACAACGGTAATGCCGGGGGGCGCCTGGCTGTGGTGTGATTGGCATCGCTTAA
38	OON22591.1	459	3725	ATGCAATGGCGTTATGAAGTTGCGTCTCTGGCTCTGCGTGGGTACGGTTGCACCACAAGCCGTCCGCAACTGAATGCGAGGCCGAAGAGTACCTGCGTAGCTTTTTCGATAAATGGAATGAAGAAGAACTGGATTGTCTTTCTTTCGCCGGTGAGCCCGCTGCCGGCTGTTTGGGATCGTGCAGATTTTACACCGTTAATGGCGTTCTGCTTTACACCAGTTGTACAACATGCTGGGTTGCCGGCCGGCACGCTGCAATATGGTCGCGTTGAAACGGGAAGATATTTACAAGGCCGTGATTCCGGTCGAACCGGGGAAACACTTGCCTGCGGACTGATGTATGCCGAACAGCTGGATGCTGCCGAAGGATTGCCGATTAACTCAGGTGGTCGGAAGCCTTGGGAGGACGAAGTGGCAATGGCGCATGGAAGCTGTTAGAAGCTCGGTACATAA
39	OON21481.1	462	3728	ATGCTCGGCTATCGTGAAGCGTCACTGTGCTGGCTCCCATCTATAAAGGTGATCGTGCACCACCTCACGCGGTGGAAGCGGAAAAAGAGATCCACGTAATTCGCGCCCGCCACCAGGACGACGTGTTACCGGGCAAATGGCCGCTGCATATTGGGCATATTGCACATTACCTTTCATGATCTGGAGGTTGAAGTGACAACGTTTCGAGGTCTCTGTGATACCGGCCCTTATTCCTGGCAAGGCGAGTTGCCACTGTTTACCGGCAGAAAGCGGTCGCATTCCGCAGAATGCAGTCCAAGCGGGTGTGCAGAAAGACGGAACCCCGCTGTTTGTGGCCCGTGCTAAAATTAATAACGAAATGTGCGTCGGGAAGGCTCTGCCTACTCAGACCTTGTCTGTACCATTGGGGGGGACAGAACACCCGCGTTGATTGTTACGACATCCTGTGTTGGACCTGA
40	OON17828.1	465	3731	ATGGCGCGCATCGGCCATGGGGTCCAGGTAGGGTTATCTGGGTCCATGAACGGGACGGTCGCGTTCCGTGCAATGCCATTGACGCAGGCTGTGGCGTTTATATTGGGCGGATGAATCAGAACGGCGATCTCCTGCCGGGAAAGTGGTGCCGCGCTGAACCAAGCGTATTGTGCTTTGCGCGGCCGTGAACATAGCCACCACTCTTACGAGGTTCTGTGTGATACCGCGGCTCACCGCACCAATAAATGCTGGGAGAACGCTAACAATGGGACGTTCCAAAAACGCAATTGTGGCGGGTTTGGCCAGCGATGCGCAGCCCTGTACGTGGCTCGCGCGCATATCAACGGGGAACGTGTGGTAGGTAATAACGAGGCCATCATTCGCGCTATTTTCCCTATGGCGCGAAGAACATTCACTCACTCCTACGAAGTATTGGTGTGGCGCAATTCTAA
41	OON20352.1	468	3734	ATGGCAGATAATCGTGCCGATCTTATCATTACAGTTGGAGATATCCGTTCACTGCTGCTGGTGGGCGTCGATATTCGTGGCAAAGTCTACATGACGGGCATGGAGTTGCCCTGGTTCGGGGATCTGGCAAATAAACGTCGGACCTGTATAAGGGCCTGGAGGAACATTTGTGTTACACGGAACGCATCACATTCTATACGAACATCACCTGCTGAATGCTTGGAGCGCATGTACCCTGACGGATGTATATCAGGGATCCGTTATTGCAACGACACGCGTGTGGTTGACGTGGGTGCTGGAAGAAGGCCAAGTTCAGTTAGAGTCAAGCGAGTTCTTAGACAACCTAAAGAACTGCTGGAAGCATATAAAAAACATGCAGAGCCCAACGTGGCATATTATGGCGAGGTAATCTACGTCCGCGGAGAATGGGACATTATCACCTGGTGCATGTGTTGGGCTAA
42	OON15364.1	471	3737	AGTAAGAAGCCGGCGCGTAAATCAGATGCCTCCCCTGCTCACGGCCGAGCGTAAGCAGACTTTACTTGCTACGTCCGGTAGCGTGTGCGATTCAAAAAATGGTGAGCCCAAAGGCACGTGCGATTCTGTTCCGATCGATCGCTCCGACCACTCTAACCGCGCTATTAGTGGTATCTGGACAAGTTGCCTGGGAAAAACGATGCATTATACCTGGTCCACGTGGTGGAAACCAAACTACTCACGCCGTTTTAGCGAAGTCAGCCCCGATGACCATACCTCAGCGCTTACTAACAAAATGAAAGAAAGCGTCGCGGCAGGCGAACAGGTTGGAGCCCAATACCGTTCTGTTTCTGAAAGAACGCGGCAAGAGTCTGAGTTGTTATGCAAGTGGGTACAAAACCGGGTGAGCAATCATCAATGCTGCCCGTGACGTGTCTGCGGATGTCAATTATTGGGAACCGTTGA
43	OON14063.1	480	3746	ATGCTGTTTAGCAACAGTGTATTCTCCAGCATCACCGCGCAGACTGTCTGTGGGTGCGCGACCGTCTCTCTGGAAGCTCCACGAAAGATCCGGTATGGCATCCAAAGAAAGAAACGTGCTCGTCTTCGGATACCAACACTACCATTAAAGTTAATGAAAACTTATTAAGGGAAGCAGGAGGATTGCGCGCAACTTTTCATCGCTTGTGACATTTGAAGCTGGTTGCTCCAAAAACATCACCAACCGTGTGCTCAAAAGCGAATTTAACTGTTCTACCCCGCTGAGGAGATGTGGGTTGTTCTGATCCGGTACGCCCGCAATGCACATATGACTACGAATTTAAATGGGTGTATGGGAAAAGCGGTATCGCGAACCGCGGGTACATGCTGTGGCAGCGAACATCTTGCTTGCGACCTGACCACCTGGCTGAACGCGGATACGCTGATTGAGAACGCCGACGAGGAAAAATGA
44	OON18352.1	480	3746	ATGGCGCACTTCGACGACGATGATTTTCGATGTGGTCGATACCGGCGCAGCGCCACCAAAACCAGCAGTGCAGCTCACTGCGTGTAACAGGCTTCGTCGTGATGAAAGGCCGGCCATGTCAGATTACCAGTATGCTGTGTCCAAACAGGAAAAATGGCGCTGCTAAAGTCCATCTGGTGGGTGTTGATATTTTACGGGTAAAAATACGAACCTCAGGATTCAGACACAGCAACAATTGCTGTCCCAATATCAGTCGTAAGAGTATCACTGATTGATATTAAGATAACTTTTTATCGTTGATGGGTGATGATTTAAGCGTGCAGCAAAACATCCCGCTGCCTGAAGGAGAGGTCCGTAAGAAATCATGAAAAAGTGGGAAAAATAAAGGTGATGAGGATGTGTACCGTGTGGGTGGTTAGCGCTATGGGTGAGGAACAGCGCTGCCGCTTCGCTGCACGCAACAGTAA

45	OON14450.1	498	3764	ATGGTGTGCTGTCATGCGGTTACAAATGCCTGCAGTGCATGCTGGTTGTGTTCAATGTGGTTGTGATCTGCTGCGGTATCGCCCTGATTGTGGTCGGCAGCATCGCTCAAGTTCAGTTGAAAACCTATCTTAGTTCGG AGGATGCGCAGTTGATGGCATTCTGTTATCTTTATCATCGCGTTTTGGCTGCTTCTCACAGTCGTGGGTAGCTTCGGCTTTTGTGGTGCCTGCAAAAAGAATGTCTGTTGCCTGACTATGGTGAAAGAATATGTGGATAA AGTTCTTACGCAGACTTATAAAACATACAACGAAGAAGTAAAGCAAGCTGATCGACCTGATCCAAAAGGACGGCTGCAGCGCTGCTCTTGATAAGTTTATCGAAAAAATATCCTGGCGGTTGCCTTGTGCGTGTT TCTCTTTGCCCTGTTGCAGATCCTGGCGTTAGTCTTTGCGGTCTGCGTATGCAAAGCAATCCAACGCGGCGAAGATGCTTAA
46	OON17649.1	504	3770	ATGTACTTCAATCACCGGGCGATATCAATAAATTTGTGCGTAGTACCCTACCAAAGACGGTGCTCTGAGAGTTTAGCGAAATATGACGGCGTTTGGAGTGTGCAAGAATTTACGCCGTGGACGGCGACTACGA GCTGCTGGCGCGTTCTAAGGCAAAGCACCGCTATCTCAGCCAAGCTGTCTCGCCGATTAAATTTGATACAGACGAGTTAGTGGTGCAGTATGAAGTTCGCTTTGCTGGCGGCATCGATTGTGCGGGTGCGTATAT CAAAGTGTGTCGGATACTCCGGGCAGCGACCTGGCCAAGTTTAATGATAAGACCCTGTATACTATTATGTTTGGTCCAGATAAGTGCATCCAAATCCTAAATTCATTTTATTATTCATATAAAAAACCGCGCACCG GTCAGTTTGAAGAAAAACATGCCAAAAAGTTACGAGCGATCTGGACCAATACTTTACCGATAAAAAGACACATCTCTACACGTTATAA
47	OON15904.1	507	3773	ATGGCGACCCGTGTCTTTTCGATATTACCGCAGATGGCTCGCAGTTAGGTCGTATTATCTTTGAAATGATCGACGTATTTTCAGCTGTACGCAGATGTGCCAAAGACGGTGGAGAACTTCCGTGCTCTCTGTACCGGTG AAATGGGTTACGGGTATAAAGGATCTAAGTTTCATCGCATTATTCGCGAGTTCATGTGTCAAGGTGGGGACTTTACGGCGGGGAATGGTACCGGTGGGAAATCCATCTACGGCAATAAATTTGACGATGAAAACCTT AAGCACAACATACCAAGCCAGGTCTTCTTAGCATGGCTAACGCGGGTCCAAATACGAACGGGTCTCAGTTTTTTATCACCACGGTGCCGTGCTCATGTTTAGATGATAAACACGTGGTATTTGGCGAAGTCAAAGAA GGTATGGACGTCGTTAAGAAGATGGAGGCGTTAGGGTCTCCAGCGGGAAAAACATCAAAGACGGTGGTCAATTGCTGATTGCGGCCAACTCTAA
48	OON18604.1	507	3773	CAAACCACAGCGAGCTGGGTGACTACTATGCTGGAGCAACACAACGAAGCGCGGGCCAACGTTTTCACGTTGTATCGTGCCTGGGCTCCCGCCGCCGAAGTCGTAAGCCACTGATTTGGGATGCCACCCTGCACGC TCAAGCCAGCTGCATGCCAGCAAGTGCACTCTGGACGAGGCACCGATGAACGAGCGTACCACCACGCGGTTCAAGTTCGTTGGTCAAGGCCGCCACCACTGGTAACGTGGCTAAAAACGTTTTCGCGCGCTGGTTCA GCGAATATAAGCGCCTCGATTTCAACACCAACTATTGCAACCGCTGCCCGTCCCGCGACTTCCGTATGGCTTTGTGAGATCGTGTAACCCATGTTGGATGTGCAAGTGGGGAAGTGGCGGATAATCCGGTCTCTAGCG CCAATTTGTACAAATTTGCTTTTATGCGCCCTATCAGCCTGATAAAGACCGTCCGATTTATGAAATCGGCACGGAAGAAGATTGTATTCCGTAA
49	OON15438.1	519	3785	ATGGATAATTACGTGAGCAGTTTTTAGATATGGACCAGAACACAAGGAATACATTTGCATGGAAGATTGCGCAAATTTAAACAACGCAAGCAGTTCAGGATGATTTTCGTACAAGATTGGCAACAGAAATTTGGT CCGAATAATAGTGACAAAATCACTCTGGTGGACGTCTGCCGCGTCCGCGCGGTTGACATCAAAGACGTACGTAAATTCATGGGCTATGCCAGATGAGTTGCGTGACGTAGAAATCATCGAATGTGATATGCCACTG GCAATGCGTGTTCAAGTCTGTAAAGTGATCAACGAAGGACAGAAACGTTGTCCCAGCAGCCATCGTTCTGCCAACATATTAACAAAACTTTGGATAATCAGTTCGGCAAACGTGGGCATGTTATTACCGTTCATGGT CGCTATTACAGCTTCTATACGTACGAAATGGGCTACAATTTGCTTTCAAGAAAAATGAGTGCACTTCTCTGGTGATAAAACCCCGGACGTGGAAGATATTGA
50	OON15731.1	522	3788	ATGGGTATACCGAAGTTGCACCATACGAGGTGTTGCAGGAGTGGAAGACGAGAATGTGAACTGCGTTTCATATCCTGTGCAGAACTGGGTCTGCACGCAGGCTACATCTCATCGGATGGACGACATGAGCTCGTC CGGTTTTTCAAACGTTTAATTACATTGCGGAAATAACGCTAAAAATCAGAAGATCGCAATGACGAAACCGGTGCTGATCGAATCCAAACCGGATCCGGAATCGGCCGCAACCGTATTTTCAAATGGGCTTCTA CATGTCAGCCACGAGTTGTCCGAGTCTCCGGAACCTAAAGGTAGCGACGTTTTTCATTGAACAGCGCCAAGCGATGAAGGTCTACTGCCGCGTCTATGCTGGTTTTTCAAACGACCGTAAGTTAAACGAGGAAGCTCG GCAATTGGGGTCTTCGCTGGATCGCCTTGGCAAACACTACCAAACCGATGCGTACTTTTTGCGGGCTACGACCCGCCTTTTCGTCTGTTCAACCGTCGCAACGAATAA
51	OON18060.1	522	3788	ATGAAGATCAGCGACACCCAATTAGAATCGGCTACGAACTCTATCCCGGAAGAGACTAATGCCGTTGTGGTTTTCTGAAAACTATCAACATCCGCGTTAAAGTAGTTGAAGCGCGGACGTGCAAGGCAACAACAT TCCGCCCGTTTGCAAAATTATTTGTGCTGGTAGCCAAAAAGAAACCAAAGTTAAGTCCCAGACCAATAGCCCGTACTGGGATGAAACATTCTATTTCAACTTCTACGAAGCGGCAGCAACTTTACTGGAAAAACCGATC GTGTTTGGCGTGATCACTCTAAGAAAAATGCGCAAAGACGCACTGATCGGTTCAATTCGAAATTCGACCTGGGACTGGTCTACGACCAAGATAAACATGCTCTGCTCAATAAGTGGTTGTTGCTGTGCGATCCTGACGAT ACCATGTCCGGATGCAAAGGCTACTTAAAGTGTCAGTGTTATTGTGGGGCCCGGCGACGAACCGCTGTCCCAACCGAAGAACCGCGCAAGCAATGCACGAATGA
52	OON19129.1	522	3788	ATGGAACCGCTGGCCCGCCAAAATTTCTCTCAGGAGTGCGAAGCCGCTATTAACAAACAAATCAACATTGAACTGGAAGCGAGTTATGCATATTTTGCTTTCTCTGCGTTCTATGACCAGGATACCGTCGCACTGCCAA AAGTCGCGGAGTTCTTTCGTAAGATGTCCCATGAGGAGCGTGAACACGCGGAAAAATTCGCGCATTATCAGAATCAACGCGGTGGACGCGTGGTATATCAAGACATTAAGAAGCCTAGCAAAGTGACGTTTAGTTCT CTGCAAGAGGTGATGGAGACCTCCTGAACATGGAAAAATCGGTTAACGAAAAGTCTTCTGCGTATGCATCATATCGTGGCGAACATCGTGATCCCGCACTCCAGGATTTTATCGAGACCGAAATTTCTCCAAGAACAG GTTAAATCGATCAAAGAGTTTGCAGACTACGTGACGCAAAACAAACGTAATGGCCGAATCTGGGCGAATATTTATTTGAGCGCCTGTGCTTAAAGACTCGCATTTGA
53	OON21383.1	528	3794	ATGAGCGCGTCGCTGGCCCGCCAGTTCTTTCATGTTGAGTGTGAAGCGGGCATTAAACAAACAAATCAATATGGAATTACACGCGTCTTATGTGTATATGGCAATGGCCATCATTTACGCCGCGACGATGTGGCACTG CCTGGCTTCCAAAAATTTTCATGAAACAGAGCGATGAAGAGCGTGAACATGCCAAAAAGCTGATGAAATATCAGAACATGCGTGCGGTGCGATTGTACTGCAGAACATTGCTCCACCCGAAACGACCTCGTGGAC ATCGGGCCTGGAAGCGATGGAGGACGCTGGAGCTGGAAAAAGCGTGAACAAATCGCTGTGAACTGCACGCACTATCCGGCACCCACGGGGACCCACAGTTTGCCGATTTTTTGAAGGTGAATTTCTGAAG GAACAAGTTGAAAGCATCAAACAGATCAGCGACTATGTTACCAATCTGCGCCGCTGTGGCCAGGCTTGCGGAGTATCTGTTTGACAAAGAAACACTGCACGGCGAAGAGGATTAA

54	OON21405.1	528	3794	ATGGAACCGTTTCTGGAGGCCTTCTTCTCAATCGATACGGATCACTCTGAGCGCATCACTATTCGCGAATTGCAGGACTATGTGAAACGCAATAACATCGATCAGAGCATGGTTAAACGCTGGCAGGTA
55	OON23951.1	534	3800	ATGAATGAATGTGCAGAATCGGATATCAACCGTGTGCGGCTGTGCCATTGCGTACCCTGCCTGAATTTAGCGGTTATGGCTTCTCGCTTCGCACCGATTCCAAAAATGATAAGCAGTTAATTGAAAACTAGAACTCTA
56	OON21402.1	540	3806	ATGGACAGTTTTATTGATATCTTCGTTTCTATCGATAAAGATGGCACCAACGTGATTACATACCCGGAATTAGAGCAATATGTGCGGAAAATAAACTGGATCCTTCCATGATCGAAAAATGGAAGCAACTTTTTGATC
57	OON16207.1	549	3815	ATTGTGTTTAGTAAACGCCGAAACTGACTCAGTTTGTGGATTGCGACAATGACGGTCGTTACGGGTCCTAACGAGGGAAGTGCCCGGCCATCCGTGTGCGCGCTATATGCCCGGTTGAATGGGACGAAGA
58	OON21762.1	549	3815	ATGATTACCCAGTATGATGGTGAAGTGTGAGCAGGACATTCCGGAGGGTTATGGGAATTACACGGTTAAGAGCCTGCAGGTGTGCAAGAGCCGCATCACTAACATCCAGCCGCTTTTTTGCCTGTGTGCAACAAC
59	OON21494.1	555	3821	ATGGAAGGGATTGAATCCATGATCGACTGGTTCTTGAAATGGCAAAAACGAAGATGGCGTTGTAGATTGCAAAGAATTAGAACAGTTTTATGAGAGTAAAGAACTGCCTCGCGATAAAATCGATGATTTATCAA
60	OON15642.1	567	3833	ATGCAGGCCATTAAGTGCAGTAGTGGTGGGCGACGGTGGGTGGGTAAAGACCTGTCTGCTCATCAGTTACACCTCGAACGCCTTCCCGGGCGAGTACGTCCCGACCGTATTTGATAATTACTCCGCAATGTTATGGTC
61	OON19636.1	570	3836	ATGCCGAGTGAGATTTGCCCTAAATGCCAAAAGCGGTCTATGCTGCGGAAAAAAGATCGCGGGCGGCAAAAGCTTGGCACTCAATGTGCTTGAATGCGGTTTATGCAACAAAATGCTGGATTCCACGACCGTTGC

62	OON13373.1	573	3839	GTAGCCTACCAATTGCACACTATCAGCTGGGCAAAGGGCGTGGCCATCTCGACCTTTAAAGACACCTTTCTGGGTTTGCCGCTGAAATCAAATTCGGCGATTGCATCCACCGCATTACAGAATGAAAATAACGGCAAC ATGCGTGAAATATGATCACGAAAAATTTAAAGGTTCTGTACCGCCGTAAAAATCTCGTGCCGAGCACAAAGAAGATGAGGACCTGTTTGACAAACGTGTGGGCTCTGATGAACGCTTACGCTTTATTGAAGGTGCACTG GGCGAAGCATATGCGAAATCTAAAAATATCAGTGTGGAACAAGCCGTCGCTGAAATTAAGGAAAAAATCATGCAGGGTAACCCGAAAGCACACGGCGCAACCAAGGTATCTAGTGATGCCGCTACCGCCGCTCTGA CCGATGTAAAGGTTACACGGGTGCGCATAAAGAGCGCTTCGATCTGGAGACCGGGAAGGGCAAAGGTATCGAAGGCCGTGAATACTTAATGGATCAGAATGCGGCCGAGGTTACGTTAGCGGGATACAAAGGGA AAGATACGTACGACCAAAATAATAA
63	OON16960.1	579	3845	ATCCGGAAACGTTCTGCGTTCGCGGGTCACAACCTGATTGAAGATAAAATCAAAGGCACTACCGATAAAGAATGGCTGTTTGAAGGCCCTTTCGCTGTACTATTTGCGGAAAGAAGTGAAAAATGCTCAAAACCGAAAC CGCGCAAAAAATCGAACCTACCTCTGCCCTGTGTCTGCGCGCATTGAAGGACTACTTTGATCGTTCCGGCCTGCCGCGCGTGTACGGAGAGCAATGGCTGGTTAAAAAACCGGGTGCCATCTGCCGGGTCCGTACGA GGAAGTGGTTGAAAAACGTACCGCGTATAAACTGCCGGATAAATCCACTTTAAAAATTCGGACCTTGCAAAACCGCATGGATGGGATTGGGAAAAAATGCCGCTTCGGTAAGGAGTGGCTGAGCACTCTGGGTGAT ACGTACATGTTGCAACTTGACGCGCAATGCAGGTGGCGTTTTTCGTATTACCACTACGCTGGCATATTATGGTGGCAAGAAGTGCCGCAATTCAGGCGGAATTACAAACCCATACTCCAATTGAACAGTCTGAAT GCGAGGAGTATCCCTCGTTCGTTGTGTGA
64	OON18075.1	579	3845	ATGAACGCAAATGCTTATCTGGATACCGATTGGTTAGGGTTTTGCCGCACCAAATCGATCGATTCTATAAAGACCGCCTGATTACCACGGTAGCAAAATTCCTGGGAGTGACCGGTAACCCCGGGGATACCAAATG ACCTGTCTTGGATTCCATGCCAAATGGCAACGTCCCGAACCGCGCGTTGATGCGGCGGATGGCGGTGGAATTTATGTGTGTCGTGCTCATAGCGGCGACGACATTCGGGGCAAAGTTGTGCCGTTTTTCGG CAAAGCGTATGTGCCATACGGTGGAGAAGAACATGAGAAATATTCATACGAAGTCCTGTGTGCTACTGGCTCTCATGGTGGCGGCTTCTACACCTGGAAGCCGATTCCGGCGCGCGCTCCCTAAGCGCGCGGTAA TTGGCGGCTTTTCTTCATCGGGTGAACCACTGTATGTGGCCCGGGGGTACGTAGATGGCAACGCGTTGTTGGGAAAGTGATGATGGTCATCAATGTGCTTACTTTCCGCATGGGGGTGCGGAGATTGCCTGTGAT GACTACGAAGTACTGGTATGGGAAAAATAA
65	OON16442.1	582	3848	ATGACTGAGTCGATTAGCAGCATCATCGAAGAAGTGGACAACTGAACGATAAACCACAGGACAAACAGGCATATGATCGTTTTGAAAAAAGCTATTGACGGTGGAATGAAAGAGACCGAATTATATTGGCGTCTGG CACGCGCCTGCCGCGGTGCGCACTGTTACCAGAAACCAAGGATCTGCAGGAGCGCAAAGATTATTTCAAGAGGGCATGTCTGCAGCCAAGGCCGTATGGCTATCAACGACAATGACCCGAAATGCAATAGTTG GTATGGTATTTGCTTAAACTATCGTAGCAAACTGAAGGCGTCGATCAGCGCATTAAAAATAGTTACATCATGCGCGATCATTGGTTAAAAGCGTTACGTGCCGAGCCAACCGATTTTGCAGCTCTGCATTCCATGGAT TCCCCCGCTTTATGCCGATAATGCATTTTCATATCGCGAAGTGTTATGCGGCTCTCAAGCAAAATGAAAAGGCTAAAATTTACTACCAGAAGGTCCTGGATTGCCAGGATAATGATCAGGAGACGCTCGAAGCGAAA CGTGAAGCTGAAGTGTTAATCAACAACTTTAA
66	OON16101.1	588	3854	ATGGCGCTGTACCGAATCAACCGCGCGCGGAATTTTCTGGCATGGCAGTGGTGAACGCGAGTTTAAAGAATCAGCCTGAAAGATTATCGCGGGAAGTATGTCATCCTTCTTTCTATCCGCTGGATTTTACATTTG TGTGTCCGACCGAGCTGATCGCATTTAGTGACGCAGCGGAAGAGTTCAAATCCAAAAATTGCGTTATTATTGGCTGTAGCACGGATTCTGTTTACGCACATTTACAGTGAGCAAAAATGGACCGTAAAGCTGGTGGAT TAGGAAAAATGAACATCCCGCTTCTGTGCGGATAAAAAATGAAAAATTTCCGCGCCTACCATGTCTGGACGAAGAGGAAGGTATGCTTTCCGCGGCCAGTTTTAATTGACCCGAAAGGTATCCTGCGCCAGATCA CGGTCAACGATCGCCCGTGGGTCTGTGTGGAAGAAGCAATTCGCTGCTGGAAGCTTTTCATTTTACGATCAACACGGCGATGTCTGTCCGCGCAACTGGAACCGAAAGGCAAAAACATGAAAGCTGATCCT GTCGCGCGCAGGAATATTTTCTAGTGTTAACTGA
67	OON21493.1	588	3854	ATGACGCAGCAGGCAGCGCAGTGAACGTGGTTGAGGAGTTAATGAAATGTTTCATGCTTTTGATGTGAACAACGATGGGTTTGTTGTCTCGCGAAGAACTCGTCGATTTTTGTCAGAAACATCAACTGAACCCGGC GGATATCGACCAGTTCTTACAGCGCTTCGATGTAGACGCGGATGGCAAAATTAGCTTTGAGGAATATGCCGCGGTCTGGGGCTGACTATTCAGGAAAGTTCAACAAGAAAAAAGAAAGTTAACTTACAGAATTCGC GTGAAGCGTCTGGAGAGAAATTACAATTCGAAGACGTAGAGATCCTGAGTACCTCTATGACCTGGTCGAAACAGGAGACCATTATCAACAAGTTCAAAGAGTTAGTCGGCGGGGGCGATCCAAACGAAGAAGCGAT GAATAACGTAGTCGAACAGTTACAGCAGTTTCTTAACGAAGAATATGGGCGCCTGTGGCAGTGCAATTATGCTTACGGGTTCTGATTGGATGAAGTTTTGCGACGAACCATTCATGTCTCTCCAGTTTCGTTATAGCGGC AAACTGGTGGTCTGCGTCTGGCGGACGAACCGCGCTTGA
68	OON22805.1	606	3872	ATGATTCTTATTGTCAGCGGCACCCCGTTTGAAGACTGTCGTATCGAAGTATCTGATTGGCCTAGTAAAAATCCACAATTCGGGGCGGCAAACTGCCGATCCTGGAGGTGACGACACCTTGGGTAAAAAGACCATG ATGACGGAAAGCATGGCGACAGCCCGCTACCTGGCTAAACAGCATAATCTGATGGGTGAGACAGACGAAGACTACTACAAGATTGAAAAACGATCGGAGAAGTTGGTAACATTTCAAATATGAAACCGCAGTGCA GCGACCTGCATGATCTGGCTTACAAGATCGCGCGTGCTCCCGACGCGCGAAAGCCTAAACTTATCGAAGAGTTAAAGAAGCCTGAAAACGCTCCGCGCTTACTGAACCTTATGAGTGAAACCTCAAATCGAACCCGT CCGAACCTGGTGGCCGGTGGCAAAGTGCTCTCTGGGGGATATCGCATTATTATGTACCCTGGACCAGGTTGAAGCGGTATACCCGGGCTTTTGAAGAGAAATTATGCCATCTTTGTGGCGCATCGTGAACGTGTTCTCG CGTGCAACCTAAACTGGCAGAGCATATCAAAACACGTCCGAAAACCATCGTGTA
69	OON13593.1	609	3875	GTGATTCCCTCATTTCTATCACGGTCGGCGCGCTGATCAAATGGAACCAAGATTTACTGGCCAGCGCATCGTTCCTGCTTTGCTGGGCCGGATGCCAAAGACAACGTTCTGTGATGCGATGCACCAGCTGGTTCTTG AGATCTTCAAACGTGTTGGGCCGTTTGGTCTGGCCATTTTTATTTTGGCATTTTCTCTTTGTGCTGACATTTTGGGCATCTTTGGTGTCTGTTGCAAACTAAAGTGTTGCTTGGCAGTATGCTACTCTCCTGCTCGT CCTGTTCTGGCCCTTTTAAATTATGACCATCGTGTTCGGTACCCGCTGCTTCTTGGTCCGCGCACAAAGTCCAGGAACCTTTAAACCTTTCATTTGTCGGCTGATATAAATGGATAACGATAACCAATCGCTGGACCCC TGACCAACTTATTGATATGATTCAACAAATCAGCATTGCTGCGGAAGTTATAGCTACCAGGACTATAAAGAAAATGAGTCTTTTAAAGCGCAGTCTTACTCGATCCCGCAAGTTGTTGCGCCGACCCGACTGACCG TAGTTGCTGGTCAAAGCCGACCCGAAAAATTCCTATATGAACACGTGA

70	OON23674.1	612	3878	TATTGGCTGCTGAACAATCGTTTAATTGGTCATATCCGTTACGCCAAATTTCCAGCTGAACAGTTCCAATCGTTCCTGCAGGATCAGACATGTGTATCGCCATCTTTCGCCGGTTGGCTGCAAATTTTGCCGTTA GAGGCACTGAACCTGAGTCAGATGAAACCGGCTTTTGATAAACGTCGTATTCTGTGGTGGGATCTCGTTCGACGAAGATGGCGTTAAAGATTTTGTGACGGTAATTTCTTTAAGGGAGAGTTATTTCTCGATCCA GACCGTTCCACGTATCGCGCATGGACTTTAAACGTGTAAGTGGCTTGTCCGGTTTCAAGTCCCTTTTACCAAAGCCGGTCGGAATTTAAATAGTGTGGCGAACGCGGCACACGTAAGCGGTAACCTCAGCGGTGAT GGTTGGCAGACCGGGGGCCTGCTGGTGGTAGAAAAAGGGGAAAGGTTCTGTACCAAGTTCGCACAAGAAAAAGTTGTCAATCATCCGGATTACACCAAATTTATGGAGGTCCTGAAGATTGATCCGAAGGAGGTTG GTGAGCTGCATGTAGCTGGTACCGCCTGTCGCGCGATGGCGTGTGCTCTAAGACTTAA
71	OON18455.1	621	3887	CTGGCCCAACCAATTCGGCTCTTACTTGAATATGTCGGTGATTCTGATGAGGAACATTTACGGTCGTCGATCGTGAAAAATGGCAGAATGATAAGCATAACCTCGGACTTGAACCTCCGAACCTGCCATATTATA AGGACGGGGACTTCAGCCTGACCCAAAGCCTGGCTATTCTGCGTATATTGCGGATAAACACAACATGATCGGAAACACCCCTGAGGAACGCGCGAAAAATTTCTATGATCGAAGGCGGCTTGGTAGATTTACGGGCG GGCGTCAGTCGTATTGCCTACCAGGAAAACTTGAACAACCTAAAATCCCATACCTTCAACAGCTGCCGACTACTCTGCGTATGTGGAGTCAGTTCCTGGGTAAAAACAGCTACCTGCACGGTAGCACGCCGACCCAT CTGGACTTCATGTTTTATGAGGCCCTCGATGTTATCCGTTACATGGACCCGACTTCGGTAGAGGCTTTTCCAAACCTGGTACAGTTCATTACCGTATCGAAGCTTTCGCCAACATTAAGGCCTTTATGGAATCTGATCG CTTTATCAAATGGCCCTTAATGGGTGGAGCGCATATTTTGGCGGCGGTGACGCGCCCTCGAAATAA
72	OON21824.1	624	3890	ATGAGCACCGGCTTCGATACGCAAATCAAAGTCGAGGGCACCATATTGCCAGCTGGATCTCAAAGCATTTTCGCGCCCAATGGGCTGCGTGCAGCAGGAGCCGATTTTGTGTTGAAGGCACCCTTAGTGAAAAAT CCGCCTCGGGAAGATGGATGCCACGCAGGAAGAGATCGAAGAAGCTGCTAAAGCCGCCAACGCGCACGATTTTATTCTGCAACTTCTAACGGCTATGAAACTAACTGGCGGAACGGGGTGGTGGTATGTCAGGT GGCCAAAAACAACGGATTGCGATCGCGCTGCGCTGATTTCTAAGCCGAAACTCCTCTTTGGATGAGGCCACCTTGCTCTGGATACCCGCTCTGAACGTATTGTGCAAGAAGCCCTGGAACGCGCGAGCAGCAGG ACGGACTTGTGTCGTGCTGGCCACCGCCTCTCGACTATCCGCAACGCCGATCTGATCCTTGACTGAAGAACGGTGTCATTTGGGAGAGTGGCAATCATGATGAACTGGTAGCAAGAATGGCTGTGACGCTACAAT GTTATCCAATCAGAATAACTTAAATAACATTTTTGCAAACATCTACCGTTCGAAGCATCGTTATGCGGGGAATAA
73	OON17901.1	627	3893	ATGAGTGCAGCCGAAGTCGATGATCGGCAACTGCAGGCCAATGCCGTAAGATGTTAACGGAAAGCAAAAATGCAATCGAAAAGCTCCGTGCGCAGTGCCTCCTGCGTGGTGCTACTGGAATTCATGGTTTTGGACG TACCTTTTCGATCATGGATGATGATGGCAATCGTTCTCTGAGTCGCGACGAATTTAAAAAAGGGTGTGCGGACTACGGTTGCGAACTTACTCCGGAAGAATTCGATGAAGTGTAAAGCTGATCGATAAAGACAATTC TGGTACCATCGTGTGATGAAGTCTGCTCGCGCTGCGGCCCCCATGAGTCCGTGTCGATCAAGATTACAGAAGCAGCGTTTAAAAAATGGATAAAACAGGCGACGGCAAAATCACCGTGGATGATTTGCGTC AGGCCTACCAGGTAAACATCATCAAAATACCAGAACAATGAAATGTCTCAGGAAGCCATTCTCAAACAATATCTGAATACCTTCGAGCAAGGCGGGATTACGGACGGCGTCTGACGTGGGAAGAGTTCCTCAAC TATTATCGGGTATCAGCGCCAGTATTGACTCGGATGCGTATTATGACCTGATGATCCGTGAGCGCTTCAAGTTGTAA
74	OON15808.1	633	3899	ATGGCACCTGGTGCGGATGAAAAACCGGAAGTGAAACCGGACGTCAGCGACAGTGAATCGGATAGTGACGATTCGACCCGGAATTGGCTGAGGCCAAAGACCAGGGCGATACCAAAGGTGCAGGTTAACCGAT GACCTCTTGTCTCGTTCCAAGCAGTCCCGTTCGAGAAAAAAGCACGTAAGGCCATGAGCAAGCTGGGCTGAAACCAATTCAGGTATCTGCCGCGTGACAATCCGTAAAGCGAAAACCATCATGTTTCGTGATTTCT CAGGCCGAAGTATATAAATCTAGCGCGTCCGATACTTACATCATTTTCGGTGAAGCCAAGTTGAAGACATGCTGCCAGGCCAGATTGCTGCTGCCGAAAAGTTACGTTCTCAAGCGATGGCAGGGAGTGGCCT GGGCGCCAGCGCGCTTATCCAAAGATGTTGGTGGTTCTATTACGAAAAACGGCGATTCCAGAAGAATCTGAAGATGAGGAAGAACCTGATGCCACGGGACTCGGAGAAAAGGATATCGAACTCATTATGCAGCAG GCTTCAGTTAGCGCTCTAAAGCAATTAAGCCCTGCGCGAAAAATAACACGATATGGTTAATGCTATCATGTCCTTGACGGCGTAA
75	OON18625.1	633	3899	ATGGCTGACGAACACTACACGTTGTTCTATTTCCATTTTCGTGCGCGTGCGGAAGCAATTCGTATGATTCTGCATGCAACCGGCGTTCACCTTGAAGACGTGCGTTTTGGCATGAATGAATGGCCGGAACGTCTGAATC AAATCCCAGGCTCGCGTGTGCCGCTGCTGCAGGTGAAGAAGGCCAAAGAAGTAGTTAACTACGTGCAAAAGTATGGCGATCGCGCGATGCTGGCGAAACGCTTCAACATGATGGGCGATAGCGAAGAGGAATACTA CAACGTGCAACGCATGATTGGTGAGTGTGCCGATCTGGATAAGGAATTTCTATACGGCCTTTTTCGCGCCACCGGACCAGAAAGAAGAAATGCTGAAAAAATCTATGTCGGAAGCGGTCCCAAAAATGCTGGACCTCA TTTCTAAATCCATCAGTGAGTCCGGCGGCAATTTGTTGCCGGCGATAAAGTGACCTGGGTGATATCTGTCTGTTGACCTCCATGGATCATGTCCGCAAAACACGATCCGGAATTCCTGGGCAACATTATCCGAAACT GCTGGCACTCGAAAAAGAAGTACTCAAAGCTAAGCCGAAACTGGCGGAATACATTCGAGACCCGCCGGAGACCCCGTTGTGA
76	OON18327.1	639	3905	ATGAAACGTCGTGAGTACGCTGTTCTATTTTCGATATCCGTGGCCGTGCTGAAGCGATCCGTATGATGCTGCACGCCAATGATGTTCCATTTGAGGACGTACGCTTCACCCGGAACAGTGGCTTGAGCGGAAGCAC GAATTTCCAGGTGGGAAACTCCCGCTCTCCAGGTTCGCGAGGAAGGCAGCCAGGAAAAAACAATATCGCGAAAGTATGGCGATCGCTCGCTTCTGGCCGCTACTACAATATGATGGGGGATTCTGAAGAAG AATACTACCGCATTGAACGCATGATGGGGGAATGTGCAGACCTGGACAAAGAATTCGTCACAGTGTTCTTCGCGCCGGAATGCCAAAAAAGAAAGTGTAGAAAAGGCAATGACCGGGGAGGTACCTCGTCTGTT AAACCTGATTTGCGAAAAGTCTGTGAATCTGGTGGCAATTTGTGCGGGTAACAAAGTCACGCTGGTGACTTATGTCTGATGGCAAGCATGGAAAAACGTCCGTGCGCGAGATCCGACGCTCTGAAAAACCAAT ACCCTACGCTGTTGGCATTGGAAAGCGAGGTGTGTAAAGTGCTGCCTAAACTGGCTGACTATATCAAAACCCGCCGGAAACCCCGCTGTGA

77	OON23425.1	639	3905	ATGGAAGAACGCTACTTAAAAATGGAACGCGCGATGCAAGAGCAAGAGCTGGCGTATGAGATTAGTCAATCAGCCCTCACTGATTATCAGCGTAAAGTGAAGGAATTGGAAGCGCAATTGGAGGAGGAGAAACGT ATTCATCAGGAATTGAAAGACATGCAGAACCACCTGGAGGAGGTGAACCGTCAGCTGGAGTTGCAGTCTGCGGCCCTCTATGATGAACGCGCGCTCTGGTTGCAGAACGTGATACGATCATGGCCAGATTGAACA GCAACGCGAACTTATCCAGGCACAAGAAGAAGAAAAACGTGCGATTGAAGCCAGCTGGCGCTGGGCGCCAGAAATCGTATGAATGGGATGAACGTGCTGCTGCGGCGAGCAGGAATTAGAAGCACTGGATAA TTTGCGTCCCGAAGCAGAACGTCAAGCAATGGCGGTAACCGACATCGACTATGCGAAACGGCTTGAGATCATGCGCTTGGAATTAGATCCGGCTCGTGATCGCAATAAACTGCAGCAGGTTGACATTGCTATGAAG AAAATATCTCACGTGGCATGGACAAATACCGCACGTTGCATGCGATTCTGCAAGGCAATACCAAGAAACGCGTAGAACAAATTCGAATCCATGTAA
78	OON16509.1	642	3908	ATGTCGGGCGAAAAATATAAACTGTACTATTTTAATTTCCGCGCTCGTGGAGAAGTGATTCGCATGGTCTCGATGCGGCGGGCGTACC GTTCGACGATGAGCGTATTCGGCAGATGACTGGGCTAAACGTAAAAG CGAGGTGCCGGGAGGCCGATGCCGGTGCTGCAGGTTTTTGAGCCGGACACCCAGATAAACCCAAAACTATGTTGAGTCTATGGCGATTGCACGTATGCTGGCGCGCCGCTTCGATCTGATGGATTGCACCGAAG AAGGCTATTATAACATCGAACGGATGATTGGCGAGTGCGAAGATGTTTTAAAGAATTCGCGAGCTTTTTCTGTCCCCAGCGGATGCCAAAGAACAGTTCTGAAAGAAGCGATGGAACACAGTGTCCCAAATTAT TAAACCTGATCTCCCAATCTCTGAGCGAATCCGCGGGCAAATTTGTAGCCGGGTGTAAGTCACATTAGGCGATCTTTGTCTTCTGCGCTGTCTGGATCACGTTGACAAAGCCGACCCGGAATTTTTAAAGAGAAATA TCCTAAATGTTAGAGTGGCGTGAGGCGGTTCTGAAAGAGAAGCCGAAACTGGCTGACTACATCAAAGCCGCGCGGACACACCATTTTAA
79	OON16021.1	654	3920	GCTACCTCGCCGGACGAAAAAGCGCTGGTGGAGGGTGCGGCCAAATACGGTATTGTGCTGTCAAGCACGAATCGTTACCCAGAAGTGAAGGGCGTGC CGCGCTGGTGTGCAGCGTAATCCAACCAATGACATGA ACCGCACCTACAGAGGAGTACTTTGTGGATGCTACCGTCGAATTTGACTCAAATCGAAACGTATGACTGTTCTTGTCGCTACCCGGATGGAACCTTCCATATTCACAGCAAAGGCGCGGAATCGAAGTTGCTGG AAGTACAGGCGTGCTCTCGTTACCGATGAACATCGTAAAAAAGCTTTGAGCGCGTTACTGAAATGGGTTTGAGCGGCTGCGTACCTTGGTTTACAGTACTCGGCAAGTGACCCGCGACGAGTATTATAGCTTAC TGCGCGAGCGCGTCAGGCGATGAAACAGTTTGGCGAAGCGCGCTTCAGGCTCTGAACGCTAACACGAGCGGATTGAATCCGGTCTGGAGCTTTTGCGCTCACAGGTGTTGAAGATACGCTCCAACCCGGTGT AAACGAATGTCTGAAAGTCTCAAAGCCGACGGCATCAAAGCGTCACTGAAAGTAGTTTATCCCAAAGCGTCGAATATCCTCTGGCGAAACTTCCCACAATTTGA
80	OON18118.1	657	3923	GGGTCGAACCACGCTTCAGTGGTATACTCCACTGGTACCCGGAAGCACGAGCGGCCCATTAGCCATTTTATGATATTCGGTTGCACAGTGATAAACAGAAAAATATTTTTAACATGCTTGTGGAAATCCCGCGCT GGACAAACGCCAAAATGGAATCTGTAAAGAAGAATTCATGAATCCGATCAAACAGGACGTCAAAAATGGAAAACCTCGTTTTGTGAATAACATTTTTCTCACAAGGGTTATATTTGGAACACGGTGCTTGCCCC AGACATGGGAGGACCCAAACCATCAGGACCCCTAACACCAATGCAAAAGGCGATAACGATCCGATTGATGTGTGTGAGATTGGAAGCAAAATTTTGAGCCGTGGATCTGTAGTTCCAGTTAAAGTTCTGGGGATCCTG GCCATGATTGATGAAGGCGAGACGGATTGAAAAGTCATTGCGATCCATACGGATGACCCGTTGGCCAATAAATCAATGATATTGACGATGTCGACAAACACATGCCAGGATTACTGAAAGCAACCCGCGACTGGTT CCGCTTCTACAAAGTACCTACCGCAAGCCAGAGAATACTTTTGCCTTAAATGGGGATTTAAGAATAAACAGGAAGAGGAACGTAGTCTGCTGCGGCTGGATTAA
81	OON15212.1	660	3926	ATGCAAAACGTCCCTGAAACTTACCCCTACCACCTCTATTCCAATGCTGGGCTTAGGTACTTGGAACAGCAGCCCCGAGCTATGAAAAACGTGATCTTTTCTGCTCTGGAAGCGGGGTATCGTAGCATTGACTGCGCT TTGTGTAATTCGAATGAAAAGGAGATCGGGGAGGCCCTGGAAGAATCATTAATAAACTTAATCTGAATCGTGAGGACATTTTCATCAGCTCAAAATGTTGGTGTAACGTTCTGCGGCGGAAAAACGTAAAAAAGGT TGCCAAAAGAGTCTGAGCGACCTTAAACTGTCTTATCTGACCTTTATCTCATCCATTGGCCGGTGCGACTGCAGCCCCGCGACGTAAATTTCCGCGTGATGCAAAACGGCCAAGAAGTCTTGTGATGATGTTCCGC TGCTTGACACTTGGCGTAGTATGGAGCAGTTGGTTGATGAAGGCTTGGTCAAAAGCATTGGCTGTCAAACCTTAACCGTCGTAGATTGATGTCATTATGAAAGGTGCGCGCATTAAACCGGTGAATCTCCAGGTCG AAATTCATTGTAATTTTACTAATACCAAGCTGGTTGAATATGCCAGGCATTAGGTCTCAGGTCGACGGCTATGCTCCATTAGGGAGTCTGGAGCCAGCCATAA
82	OON21351.1	660	3926	GAAGACGCATGTGCCAACGTTAAATGCCGTAGGGGGAATGGTGCAACCAAGGTGTTGCGAATGTCTGGACACCTGTGCCTCAGACTGGAACAATTTGCATCGTAACTGTGCGTCGACGGTAATACCTACCGCCA TGAATGCGATCTGTGGCGTAATCAGTGCTACTGCCGTACTGGTGATTCTCGTTGTGGAGGTGAGACCTTCAATAACCATCGCGCAATGATGATGCGGTAATTAAGTATTTTCGATGAATGTCGCGATCTGACCGAAAT GTGCGATTGGGAACAACAGGAGGACAGTTTCCCAATCCGTCTCGGTATTTGGTTTCAGGAACCTTCTCGTCAGAAATGGAGCTCCGGGAGTGACCACCCGGATGACGAGTCTTCTGCGTCCGATGGATAGCAAGG CTCGCGCGGCCACCTCCAAACTCATGTGCGCGAGCACCATGGACCGCGCAGAGAGCGGTGTGATCAGCTATTGGTTCTGCGAACTGGACCGTCGTAACAAAGGAAGCTTAGATGAACGCGATCTGAGCTGCTGTAT CAAGTTTTACTGCCGTCCAATGCTTGTGTTGAAAACCTTTCATGAACCGCTGCGCTTCTCCGGTCTATTTCTTTGACCAGTGGCATAATTGCTTTGATGTGCCACGCTAA
83	OON19383.1	663	3929	ATTACGTTTTCTCTGTTTCGACCGTAGTGTTACGAACCTGCTGGATTGCTCAGTACACTGTATCGTCAAAACGCTAACGAAAAACAGCCAAAAAACGTTTACACCGACCAATGTGAGCGTGGAAGCACATCCGACT GTGGTGGTCGCCTGGTCTGAGTTGGTTCCCGCAGAGTGGTCTCAACGACACCTGGTCTTACAGCTGGATTTTAAACAGACCAACTCTAGTATGAAGGTTAACGCACAAAACCTACTATACCCTGAACCTCATGGAAT TAACAGTCGTGCGCGACGAATCCATTCTGCCCGGCGTTAAAGTGCTGGGTGAACAGAAAGCTGGTTTCAAATACGCCAGTCTTTACGGCGATGCTCGGGCGTCACTACGAATGCGCCAGCGAACAGCAGGTCGAACTG CGCAAAATCCCAGGACAAACAGGCCCGGTGGGTACCTGAAACTCTCCAAGGCTAAATGACAGGCCTTTATGGATTCCAAGGAAGAAAACCTCTCCCCGAAATGAGCCAGTGCTCGGCGGACCAACCCGCGAGA TAACACTATTCCCATCGCCGTTGGCATTACCCTGGCGATTGTATTGTGATGCGGCTCATTGTATTCTTTATCTTCAACCGCGCTCACGTCGTCAGTATGGCTCTGTTTAA

84	OON16870.1	672	3938	ATGGTGTGCTGAGCTGCGGTTACCGTTGCTTACAAATCATTCTGGTAATCTGAACACGTTTGTTATTGCTTGTGGCGTTGGGCTGATTGTGGTGGGTCCCTGGCGGAAGTCTCCTTAAAAACCTTTGGTGAGAGCA ACGAGACCAAGTATCCAAATTATCGTGATCTTCATTATCTGCCTTGGCTGTTTAACTTTTTGATTGGCTTCTGGGTTTTTTCGGAGCCTGCTTAAAAACCGTGTGCATGCTGATTACTACGCCATCCTGCTCGGAGTGA CGGCTGTGGCGCAGGTAGTGTGTGGCATCATCGGCTTGTTCTGCGGATAAGATTCTGGCTTGGTCAACCACAACCTTAGATGTTCTCTACACCGAATACAGCGCAAATAAAGATGTACAGAAGCTCATCAATGTTA TCCAATCGGAACTGAAATGTTGCGGCGCGACAGGAACCTGGGCGAATCCTGGTTCGAGCCGGAAGTTGCCGCTCTCCGGAAGGTGTAGTGTACAAAAGATGGATGCGTGCCAAAAGTCGAAGAAATTCATTCAAGA GAATATGGTAGCAATCGGCGTTTGTGTTTTATTTTTGCCCTCATCCAACCTGATCTGCATGACGTTGCGGATTTGTGTGGTGCAGGCTCTTCGTAAAGGCGAGGGCGAGACGGTGTA
85	ANK78263.1	672	3938	ATGTGTTATTTAGGTGACGCAGGCACAGTTTCACGTCACCTTGAAAGCAGGTGATCCGGAACCATCTGTTGACGAAAATAAATTTACCTTGTGGGCTTCTTTTTTGCCGTTTTGCGATCGCGTTCGCTCACACTGAA CTACCATAAGATCGAATATGAACAAATTCGTGTTTCGTTATATGATAAGCCGGAATGGTTTACTAACCTGTGCGCTTCTGGTAAAGTGCCGCTGTTGCTTAATCGTGGCGATCGCCTTAGCGAATCGGACTTGATTATG CGCTTCGTCGACGAATTACGTGGCCAGATGCCAGTTTACTTAAAGTGTGCGGTCTGGAGAAATCAATGAGGCCGCGGAACCTCTCTACTAAGGTGAGCGACGACGCCCGGTTTTTAAGCACGTCCGTGCGACCAA CTGAGCCTTGACAGCCTCGTCTGTTCCCAATGATTGACCGCTTGAAGTGATTCTGTGCCAATTGAATGGCCAGCCACCCGAATCTGTGCGCGAATTTAAACCCGATCACTCTGTTGAATATCCTGCCCTGGTTAACTA TCTCAGCGCTCTGCGTCAAATTCATGGATTGCCGCCAACCGCCAGCCGCTGCGTGTTGTAAGTCTGTTCTGTGCATCCGTCCGCGCGGGGAAGCCCAACCTGGAAATTGCGTAA
86	OON13468.1	675	3941	ATGACCAAAAGCGTAGTTCTGGTGTTACGGGGCCATCTGGCGCAGGCAAAAGTACGCTCTTGCGAGATGCTTATGCGGAAATTTCTGACCGCTTCGCTTTTTCATGCAGCCACACAACCCGGAAAAATGCGCGTGGGG GAAGTAGACGGCCGTGATTATCATTTACAACCAAAGAAAAGATGCTCCAAGACATTGCGGCCGTAATTTTGGGAACATGCAGAATTTGCAGGGAATCTGTATGGTACCAGCGTCGCCGCCGTTGAAGACATTC TGATCCTCTGGTGCCTGCACGTGCTTTATCCGATTTTACACCACCTTCGCGTTTTCATATCTGTACCAAGTCTGGCGACCGGCCGATCTGTATTTTGGATGTGAAAATGGTGGCGTACGTACTATCCATAGCTTCC AAAGCCCGTTCAATACCAAATTCATCCTGATCCGGCCACCTTCTATTGAGAGCCTTGAGCAGCGCTGCGGGAACGCAATACCGAGACGACGAAACCTGCGGCTTCGTATTACAGCGTGCCCGCCAGGACATTGAAT TTGCGGAAAGCCAGCGGGGCGCAGCCTGTTCAATAAGGTTGTGATCAACAACGATTTAGATACGGCCTATGCAGATCTGGAGGAGTTCCTGCGGCCCTTATCCATCAGCCGACGAGCTAA
87	OON22233.1	684	3950	ATGTTAAAAGTGATGAACGAAGTTGCGAAAATGCCAGGTGAAGTGTCCACGGAGGAACGTAACCTGCTGTCTGTCGCTATAAAAACGTAATCGGCGCGAAGCGTTCGTCATGGCGTATGCTGAGCTCTATTGAACA GAAAGATGGTGACGAGAAGTCCCGGAAGCGCAGGCCACGCGCATGTTGAGACACAGGTTGAGAAAGAAGTGAAGTGTGCGGTAGTATCTTAAGCCTGCTGGACAAACATCTTATCCGAGCGCGCAAACG CCTGAGTGTAAGTCTTCTTTTACAAGATGAAAGGCGACTATGAGCGCTATCTGCGGAAATCGCGAGTGGCGACGCCGGAACAAGCGCGGAAATTTCTTGTGTCATACAAAGCTGCCAGCGACATCGCATC GCAGGAGCTCCAACTACCAATCCGGTCCGCTTGGGCTTGCGCTCAATTTCTCCGTGTTTTATTATGAGATCCTGAACAATCCACATCGTGCTGCCAATTAGCGCAAGAAGCCTACAAGCTGGCCGTGGACGATCTG GATAAGCTTCGCGACGAGAATTATAAGGACACAACGCTGATTATGCAACTGCTGCGGACAACCTGACCCTTTGGAAGTCAAGATATCCAAGGGGATGAAACAGCGGACACCGTTCAACCGGTGGCAGCGCAGTAA
88	OON18938.1	687	3953	ATGTCAGCATCGTCCGCAAGCGGTTTTGACCGCTTCATGACCATCTTCTCTCCGAAGGGCGTCTGTTTCAGGTTGAATACAGTTTAAAAGCGGTGTCGGTGCATGGGTTGATTTCCGTAGGTGTTGGGGTGAGGAT TGCGCTGTGCTGGCCAGCCAGCTGAAACTGCCTGACAAATGATTGATGCGGAATCAGTGACGCGCTGTCCGTGTGACCGAATCCGCAAGTTGTATCATGACTGGGATGCTGCCTGATTGTTATGCCAAGTGCAAT CGGGCCCGTTATGAGGCCTCGAATTTCAAATATAAACACGGTTATGAGATGCCGTGCGACGCCATCGTCCGTGCGAATTGGTGAAATTAATCAAGTTTACACGCAAGTGCAGAAATGCGCCCTGGGATGTGCGAT GCTGGCGATCGCTATGATCAGGAATACGGTAAACCACAGCTTTATAAAGTCGATCCTTCCGGCTTCTGTCGAGGCATAAAGCTGTGGCGGTGGGAGATAAGCAGGTGGCGCGATGACCTTTCTGGAAAAAGAG CTGCGCAAGAAAGAAAATTTTGATCTGGAGGAAGCCATTGAGGTTGCGGTACGCTGCCTCAGCCATATCCATAGTATGGAATTTAAAGCCTCCGAGCTGGAATCGGCGTAGTGAGCAATCGGACCCCGTCTTTTA A
89	OON20301.1	687	3953	ATGGGAAACGCGTTAACTCCGCGCTTAGAAAACGCGGAAAAAAGTGGTGACTGCAACTCAGCGGTCTGAAATTGACGAAACTGCCGATGAGGCGAAATCACTGGAACGTATTGCTCCCTGGATCTGTCTTGCAA TCGCTTTGAAATTTCTCGTCCAAGCATTAGTAAATTTACCGCGCTTAAATTGCTGAATGTGGACAATAAAGATCCGGCAATTTCCGGTCAACTCTTTACTTTAACCAAGCTGGAAACGTTATCCGCCAATCGCAACT GCCTTGATCGCTGGTGCCTCCGGGCCACGTTGTGAATTTTGGTGCCCTGCGCTCCCTGCGTTTTGTGCACTTGTCTATGAATCAGCTCAGCGAGTTCAGTGAATATGTACCGCAACCATCCCGATCAATATGCTG GACCTGTGCGATAACATGATTGCTGCCGTGCCATCATGTGTATCTACCTCGAGGCAATTGAAGTGAATTTAAACAACAACCGTATTAACCTGGTTGCCTCTACTATCGCACAGTGCCCGCGCTCAAAGTTCTGCGTTT GGAGTCAAATCAGCTGACCCTGGAACAATTTCCGAAAGAGTTGTTACCGAAAGTCAGGTTTCCCTCCTGTGCGTACCGGAGAATAAATTTGACATGCGTGATTCTACAGTCTGCCGATTATGCGCTGA
90	OON15673.1	693	3959	ATGCCGGCTCATCAGGACTACGCTGCGCCAAGCTGACGAGCGGCGATATTTCCGCCCCAGTGGAATTCGCCACCTGCAGCACGTGGGTTATGATAAAGACACTAAAAAATTCGATGTGTCCTCCGAACAAAATGAA ATGCTTCGCGAAATGCTCCGTATGTTAGGCCAAGAGGATTGCTGAATGTCCAGGCGAGCGGAATTTGTTGTTGACTTTGTGCGTTCTTTTCGGTTGGGATGAACGCCAGCGGTTCCGCCGCTCCCCCTCCGCCAC CTCCACCATCCAGCTCTCCCCGGATCAGTCCGTCCGCCCCCGCCGCGATGCCTAGCGACGGCAATATTCCGCCACCACCTCCCGTTTTGGACTTTGAAACTCCGGCAGCGCCGGAACTAAACCCCTAGCACGCC AGCCGCTGCCAAACCGGTTGCCGCTTAGGTACCGATCTGCAAAGCCAGATCATGGGGTTCCAGAAAGGCGAGCCTGCGTAAGGTTAATCCGGGTGAGGGTGTACCTGGTGGCCCGCTCCCCAACTCCGTCCGGCG GAGGCTCGGGTGGCATGAACCTGCTGCAGAGCTGGCAAACGCACTGGAATGCGGCGTGCGCATATGCGCAATCAGGATAGCGATGCGGATTCAAACCTCTCCGTGAGATGGCGGTTCCGGATGATGATTGGGGCAC GTAA

91	OON17094.1	696	3962	ATTATCCCTGGTAGTCCAGGTCCCCTTACCTCCGTCGAGGAGGCAACCCGTTTTACCGAAGAACACGGACTGCCGATTATCCTGAAAGCCGCATATGGAGGAGGGGGCCGGGGCATGCGTGTGTTTCATGATCGCAA AGCAGTTGCGGAGAACTTCGAAATTCGAAGCTCAGAAGCTAAAGCGAGTTTCGGCGATGGTGCATGTTTATCGAACGTTTTATCGAACATCCACGCCACATTGAAGTCCAGATTTGGGCGATAAAATATGGTGATGT GGTGCACTCTCTTTGAACGTGACTGCTCAGTACAGCGTCGTACATCAGAAAGTATTGAAATTGCCCGGCCCATATCTGGACAGTGCAATCCGTAACCTCTATTTTGCAGGATGCAGTGCGCCTGGCGAAATTCGTCGG TTATGAGAAACGCGGGGACGGTTGAGTTCCTGGTGACCAAAAATCAGGCAAAATATATTTTATCGAGGTTAACGCCCGCTTGACAGTTCGACATACGGTTACAGAAGAAGTTACGGGCGTAGACCTTGTGACGTAC AGATCCGCGTGGCGGAGGGTCACTCTTGCGTGATCTTGATTAATCCAGGAAGAGATCAAACCGTTCGGTTACGCAATCCAATGTCGTGTTACAACAGAGGATCCGAGCAAAAGCTTCAGCCGGACTTTGGTCGT ATTGAGTAA
92	OON14078.1	699	3965	ATGAAAAAGTCGAATGACAATTGCGTGCGTAAACCGCTGATGGGTTATAATGATGTCATCATCCAGGAAGACGAGACGAAATGTTGTAGCTGTACACCCAGTTGGGTGAAAACTTTTCTGATTTTCTTACC GCAATT ATTCTGCTGGTCGATTGGCCTTTGTAGGTTTGGGCAAGTATCTGTTGCTACCCGGTATAGCCTATATCCGAAACTGTTGGGCGAGGTTGCGTATGTTAACCACTTTCTGCTGTTCTCCATTGGTTAAGTCTGATCGC AGTATGTATTTTGGGTTCTGGGCGTATCCAAAAAGATCCGAAACTGCTTATGGCCTTTTGTGGATCCTGGGTATCATTGTTTTCGTTACAGCTGCCACTGGTATCCTGGCGCTGTGCTTTTCCGAATTCCTTCAGG AATGGCTGGCCGTCGATGCGCTCGACCATGCAAAAATCCTACGCAATCAACGTCCCTGACGTGACACGCGCAGTTGACCTTGTACAGCAGAAATTCAGTGTTCGCGCTCCAGAAATACCCGACTGGAAAGAA TCAGCTTTCAGAACGCGTCTGAGCGCATCGGCCAGAACGAGCTGGGCTTCGATTATGACACGCGTGTGCCGATTCTTGTGCAATTCGTCTGACCGAAAATTGTGGCGTCTTGCCGCATCCGAGCAACGCTATCATC AGTGA
93	OON23645.1	705	3971	GAGCAGCTGGAGAGTGTGGGGTGCGTGAGTATGTGCATCCACCACGGGAGCGCGTTGGATCAGCGGCCGGTACCGAAACCATTTGCAAGCGCGTCCCACTCCACCCTTCGGTGCGATCCGCGAGCCGGTAG AACAGCGCGCCCAACGCTCGACCGTTCGCGATGAGAACTTTGACTCGAACTGATCCCTCGTAACTTCGATGCGCGTACTAAATGGCCTACTGCTCCAGCATTTCCGAGATCCGGGACCAAGTTTCATGTGGATCCTG CTGGGCCTTTGGTGCCGTTGAGGCGATGAGCGACCGCTTGTGTATCCATTCCAATGGTGCGTTCAACAAATCGCTCTCGGCCGTAGATCTGCTGTCTGTCTGCGAAGATTGCGGTTATGGCTGTGACGCGGCATTCC GAGCCGCGCTGGGACTTCTGGAAGACAGATGGGATCGTACCAGGAGCTCCAAGGAAGAACCGGGGGCTGCCGCTCATATCCTTTTAGTAAATGTGAACATCATGGCCGCGGTCTATTATCCGCCATGTCTCGCG ATCTGTATCCGACCCCTGGCTGTGTCAAACATTGCGATACTCCTAAAATTGATTACACAATGGATAAGACACGCGCGGTAAATCAGTCTTCGCGTGCCACAGTGAAAAACCGCTGTGTCTATTTACATACGTCGG CACTCAGAAACAGTGA
94	OON23734.1	717	3983	ATGACCAGTAAACTGGAACGCGCAGACGAGCTGCTGCGGCAGAATAAAATTTGAAGAAGTCGAAGCAATCTTTCTTCAATGCCAATTGCGCGGACGTGGGCTGGCGCAAAGCTCGCTGGCGTATGTAAGTACCAC GGCCAAACCGCGTAAACCGAGTAAGGATACCTTGAAAGAAATTTACAAAAAAGCACTGAGCGATGTGCAGGAAGGTTACCAAGGAAACAGCCGAATGCGGAGTGTTAATTTGGGAAGGCATTGTAAAAGCGA GTACGCGAACTGGTAGGTCCGAACGAACGCATTAAATTTGCGTACGAAATTCGGGACCTCTGGGATCGTGCCCTACAGATGGAACCCAAAAACGGGTGGGCCATTGGTTGCGTGGGAATTTGGTGCTTCAATGTTA CGGACCTGTGAGATGTGAAACGCTCCTTCGCTAAAGCGTTTTTACCAAGCCGCCGGATAGTACATATCAGGAAGCGCTTGATAACTTGCTGAAAGCAGAAAGCCCTGTTGGACGATCCACGCCCTAATCTTTAATTAT TATTGCGAAATGCTACTATCGCATGAAAGATTGGGATAATGTGCGTCGCTACTGCACCAAAGTGATGAACCTGCCGGACCTGGGTTACGAAGTGCGCGAAGTGGGTTTTCTGTGAGGTATCACTAAACTGAATGTTCT GTTTTATTGGCAGCTTCTTGGGCAAGGTTGA
95	OON15223.1	732	3998	ATGACGTGAGTCGCGCGCCTGAAAGCCTGCAGAGCGCTGGCCAACTAGCCATACATTGATGCCAACCTGTACGGGTACGTCCGTGTTAGGCATTAAATTTGATGACGGCGTGATTCTGGCTGCAGATATGCTGGT CTCGTATGGCTCGTTAGCACGTTATATGGACGTGCGAGCGGGTAGCGAAGATCAATGACCGACCCGCTTGGCGTGCTCCGGTGATTTCGACAGCTACCAGCTGTTAAACGTCGCATCGATGAGCAACGCACACGG ATTCAGTGTTATGCGATGGGTTTAACTGTCCGCGCGTGGGCTCCACAGTTGGATCACTCGTGTTATGTATAACCGCCGTAGCCAACCTGAACCCGCTCTGGAATACCTACATCATTGGTGGCTGGAACAGGATGGCC GCCCCGTTTCTGGGTTTTGCGATTGCAAGGTGTCTTTTATGGACGACTGCATGGCCTCTGGCTTGGTGCGTATTTGCCATCCGCTTCTTCGTCAACGCCCTGAGGACTTAGCCGGCGGAGATCCCAAAAAATTG TCTGAAGAACAAGCAATTCAAGCCGTGACCGATGCGATGCGGCAATTGTATTATCGCGATTGTCGCGCGTGAATACCTATCAGTGGCGATCGTTGCGAGTACCGGCGCTGAAGTCCGCGGCCGTTAAAACTGGA AAGTGACTGGAGCGTTGCTGAATACGTGTCGGGGTATGAGTAA
96	OON17498.1	735	4001	ATGTTCTGACCCGCACTGAATATGACCGTGGCGTTAATACATTCTCGCCGAAGGTGCCTGTTTCAGGTGGAATATGCGATTGAAGCAACGAAACTTGGGAGTACTGGTATTGGGATTAACCCCGGAGGGTATT GTGCTGGCGGTTGAAAAACGCGTGAACAGCCCTCTCATTGTGCCGTCTCAATTGAAAAGATCTTAAAGTGGACGATCACATCGCTGTGCGGTGAGCGGCCTGTAGCGGATGCCGTACTCTGATTGAGCGTGCT CGTACCGAAGCAGCTCATCACTGGTTTGTACAACGAGAAGATGTCTGTGGAGGATGTTACAAAGGCTGTTTCAAACCTGGCACTTGCTTCGAGATGACGACGTGCGATTCTGGTGCGATGTCTCGCCGTTTGGG GCCGCGTTAATGTTGCGGGTATTGATGAGAATGGCCCACACTGATTATATGGACCCCTCTGGTACATATATCCGCTACGATGCGAAGGCAATCGGCAGCGGATCGGAAGGTGCCAACAGGCATTTCAAGAAGT GTTTCATTGCAACATGACTCTCCACGAAGGCTGTAAGCATGCGCTCTCAATCCTGAAACAAGTTATGGAAGAAAAGCTGGATAGCACCAATGTGCAACTGGCTACCGTTAGTAGCCAATACAACCTTTCATCTCTACAAT AAGGATGAAGTTCATAATCTGATCCAGGAGCTGGCCAGTAGCTAA
97	OON18165.1	738	4004	ATGTCGGAGCGCTATAGCTTCAGTCTGACTACTTTTAGCCCATCAGGCAAGTTAGTTCAAATTGAGTATGCATTGAAGGCGGTGAGGCCGGTGCACCATCGGTGGGTATTCTGTGCGACCAATGGTGTGTTCTTGCC GTGGAAAAAAGTTTACGTGCAAACTGATCGATGAATCTACTATCCATAAAAATCGAGAACGTCTCAAAGAATATTGGCATGGTCTATTCCGGGCTGTCCCGGATTATCGGGTCTCGTGAACAGGCCCGCAAAAGT GCCAGGCCCTACGAAATGGCTTATGGGGATACAATCTCTCCGGAACAGTTGGTTGACGTACGCGCGCAGTGATGCAGGAATATACCCAGTCGGGACTGTTACAGCTCTTTTTAGTGTGTCGTCTGGGGTGCCTCGG TTTGGTGTCTCACTGCTGATCGCGGGTTGGGACTAGAAGCGAAACGCCGTACTTATACCAATGTGATCCTTCCGGTACTTACTTCCCTTGAAGGCAACCGCTTTGGGACATAATAGTCAAAACGGTAAATCTTCC TGGAACGCTACAATAAAGACTTGAAGTGGACGATGCGGTTCTGCGGCTACTCTGACGCTCAAAGAATCTTTGAGGGTCAAATGACGGAAAAACAATTGAAATCGGTATCTGCAACGAACGCGGTTTTCGG GTGCTACCCCCAGCGAAGTAAAGATTACCTTGACGCGATTAGTAA

98	OON22442.1	738	4004	GTCTGGCAGCTCTTGATTGATGCGGACTGCGGCATTAATTTGTCTCCGGCAGTTCGTAACACCTCGCCACCGTCACGCTGGGTTCAACGGACAGTACCTGGTCCACACTGGGTCTCCGCACCGTCAGCCATCCGGAC CCGCTGATTATGTGCCGACCAAAGGCGCACGTGGGCTGACGAAAACCCGTAGTAAAAGCGAAGTGATGCGCGAATTCGTCAACCAGTCAGAGAACTTGACCGTGAGAAGGACGGGCCAGTGAGCCACGATAGT GATACCAGCGCGCTGAAAGTTCCAGAGGATGCCGTGGCGACTCCGGTGAGCTGGATGACGAGACCGTTGGTCCGCGTAGCTGCGACCTTAAATTTGTGCTGGAGCGTTGACCCGGACCAAACCTATATGGTTGG GCACCTGGTCGACATCAACGAAGCGGAAGAAGAGGACTGCACATCATATCTGTTACAGCAAGTCGAACAACCGGAAGACTCGATGGCACAGGATTACGAACGTATTACCTACCTGATTTCGGATCCCGAAAGCCGACC ACTTTTTCAAATTTTATCTGTATGCCGCCGTGGTGAACCGAGTCAGGCAGTCACCCTGCCGCTTGTCTACACATATCTCTGGAGGCACCGCAGCGCTGATGTCCGGTGAAGTTCATATATTGGCGTACAGCACGG GGCTTTCCCCGAAAGCTGGAAGATTAAACAGAGCACTAAACCTCTTAA
99	OON23235.1	738	4004	GCTTCTAGTGAATCGGCCGTAGCACCGCAATTTTATTTGCGAAGCTTGGTTGCCGTCTGAGCCTGATCGGCCGCGATGAACAGCGCCTGAAGGAAACGGTCATGGAATGTCAAAAAGTTTCCGGTACCCAGCATCC GCCGGGCAAGGAGCCGTATCTCTACGTGGTAGCGGACTTTGTGGATCTGAACAGATCGATGCTGCGTTCGCTAAACTCTCTCCATTTAGCCAGTTAGACATTCTGATCAACAACGCGGGATGTCTCCGCGCGA TTCAATCGAAACCATGGACATGGAACAACCTGGATCGTACCATGAAGGTCAACTTGTACTCGCGATGCATTTAACGCAGCTCGCAGTCCCGTCTCTGACAAAAACAAAAGGTACGGTTGTGAATGTCTTTCTGTGTG CGGTTCTCGGTCTTTTAGTGGTATTTATCTTACTGTGTAAGCAAGGCGCGCTGGATCAGTTTACCAATGCGTGGCGTTGGAATTAGCGCCTAAAGGAATTCGTGTGAATAGCGTGAACCCGGGGGTGATTGTGAC ACCGCTGCAGCGCGTGGTGGCATGTCCCGGAAGAATACGAACGCTTTCTGGATAATAGCAAAACCTCCCATGCGCTCGGACGTCGGGGGAGCCGGAGGAAGTTGCGCAGGCCATTGCATTTCTTGCTCTAGTG CATCTTCGTTTACCACGGGTCACCTGCTGGCGGTTGATGGCGGACGCTAA
100	RJW65275.1	741	4007	ATGCCGACTTGTAGTAAGCATCTGCGTCAAGGGGACCCTAAACCAGACATTAATCCGAATCACTACACACTGTTTGGCAATCGCATCTGTCCGTTTGTGCAACGTGTGCGTTACACCCTTCAGTACCACGGTATCGAAT TCGATAGTATTCATATCGCACTGGATGCGAAACCGGATTGGTTCTTAGAAATTTCTCAACGGGGAAGGTTCCGCTGTTCTTAACCAATGATGGCCAGATGATTGTGGAGTCTGATGTGATTATGCGCTTTGTAGATAA AATGAAGGGTGAAAAAGACGTCCCTGTTATCGGTCTGCGGAGAAGAAGATTTCCAGAAGGCTTGTGAACGTGTCCAGCGAACTGAGTGGCACGATTATCCGGTTGCGTTCCGCGGGCACACTGGAAGGATGCCGAA GAGGCAATTCTGAACGCATGCTTAAAAATCAACAGTGAATTAAGGTACCTACCTGGCCGGCCCGAAATTGAGTTTGGCCGATTGGAATGTTCCCGTTCTGTGGATCGCTGGAGGTTGCCCTGTCAGTTCTGAAA GGGACCGATCCGTCCGAAGTAGAAGAATTTAAACCAATGACCCACCGGTAACAATGGCCGGTTCTGCTGGAGTACTTGTTCGATGCGCGAGCTGCCCTTTGCTGCTCAAGTGCAGGACTTCCGCACAAGCCAA AGCGCGCATCGCAGCGACTATTGTTCCGGCCATCCCGATTGGGACATGTAA
101	OON18956.1	744	4010	TATGATCTGTGCGCTAGCCAGTTTAGCCGTGGCGGCAAGTGTTCAAATTGAATACGCTTGTAAGGCTGTGGAGAATAGTGGGACCGCAATCGCAATTCGCGGAAAGGATTGCGTCTCTCGGCGTCGAAAATAT CGTAACGAGTAAATTATATGAAAAAGGATGCGTGAAACGCGTCTACAATATCGATAAGCATATTGGCATGGTTGTCGTGGGTTTCCAGGTGACGCGGAAAGCTTTAGTTAATGTTGCACGCGAAGAAATGCGCAAAC TTAAAGAAAATTTGCGCAAAACCAATCCCCTGTACTCTCTGTTGGAACGTATTGGGATGTATATGCACGCGCACACGCTTTATTACGTATTGCCCCGTTTGGTGTTAGCTTACTGCTGGGATCATGTGAAGAGGATGG TCCTCACCTGTATGTCGTAGAGCCGTGGGTTTATCCTTTGCCTATCGCGGCTGCGCAATTGGCAAGGCGAAACAAAACGCTACCACCGAAATCGAGAACTGAAGCCGATGGAACCTGAGCTCTAACGATCTGGTGAA AGAGGCCGCCAAAATCATTATACGGTACACGATGAAATCAAAGACAAGAAGCTTTGAACTGGATTTAAGCTGGGTGCGTGAATGCAGCGGCGGCGTGACCCAGACGGTCCCCGAAGTCTGTTTCAGGAAGCTGAA GCGTTTGCTAAACAGGCGCTTGAGGAAGCGGATGATATCGATGATGATGTAGAATAA
102	OON21078.1	747	4013	ATGACTGAACGCGAAACCTTAGTGATTGCGCCAAACTGGCGGAACAGGTTGAGCGTTATGATGAAATGTTGACCTGATGAAAAAAGTTGTGGAACAGGATAAGGAACTGAGTGTAGAAGAACGGAATCTCCTGA GTGTTGCGTATAAAAACGTAATCGGTGCGCGCCGTACCAGCTGGCGTGTGTTTGGCGGCTGGAGGGCTCGGTACAGGTCCGCGCAATACCAAGGGTGTAGGCCGCTGAAAAAATATCGTGAACAGCTGGAAG CGAAATCAACAAAGTCAGTACTGAAATCTGGACCTGCTCGATAAATATTTAATCAAGAGCACTACCGCGCGGATTACAGTGTTTTTATCTGAAAATGAAAGGCGATTACTATCGTACATGGCGGAGTTTGCAGT GGGTGACCAACGCACAGCGGTGGCTGCAAAAAGCAATGAGGCGTATCAAGAAGCGACCAATATTGCGCGGAACTGCCCGCAGCATCCTATTGCTTTGGCTTGGCGTGAATTATCCGCTCTTCTACGAAAT TATGAACGCCCCCAGCGCGCATGTCAGTTGGCGAAGGCGCGTTGACGACGCGATCGTGGAGCTGGACCAGCTGTCAGAAGAATCATACAAGGACTCTACGCTGATTATGCAGCTGCTGCGGATAACCTGACTT TGTGGACTTCGGATGCCGAGGGGAAGAGGAGCCGAAAAAGAGCCCGGAAGAAAAGGCCTAA
103	OON13535.1	756	4022	TACTATTGGCTGAGCACGCTGTGGTTCCAGGCACGCCTCCCATTTGACACGCCCTGGCAATGACCAAACGTGGCCTTTTTATCGTGTTTGAAGGTACGGAGAAAGGCGGAAAAAGACACAGAGTCAAATGCTCTGC GACGCGCTGACCCAAATTACCGGCAAGGAGACATGCATATCCATTTCCAGATAAATCGACGCCGGTAGGTCAACTGATTAGCCAGTACCAGAACGAGATTTAAAGCTGAGTCACCGTGTAGCACATCTCTTATAT ACCGCGAATCGCTGGGAACGCCAGCGTGACATCAGTACCGCGCTGGCGAACGGCATCAATGTAGTTGCTGATCGCTACAGTTATAGCGGCATTGTTAACACCGCCCGGAAAAATCACGCCGTTAAGCAATGCAGATTG GGCCTGGTGCCGTTGACCGAAAAGTGGGCTTTTGCCGCTAATCTCATTTTTGCTGGCGGGTGAGAACCTGTCTGAAATCGCAGCAGTGAGGGCTTTGGCCAGAAGCCGTGAGAAACCACGAGCTTCCAATCCCG GGTGCTCGCTTATTATGCCGCTGTGTGCCAAGAAATGGAAGCGGAACTCAACGAAGAAGTAAACGCGGCGGCGACACCACCAACGGCACCGGCGCGCGCGGATGTTACATACCGGAACTGTGGAATTGGATT CAGGCGACAGGTGAGACCGTTGATGACATTCATACCTGCATCATGACCATTATTATGCCACTTCTTTGA

104	OON16939.1	756	4022	ATGATTGGAGGTAAAGCAGCGCCGGGCTATCATATGGCTAAACTGATCATCAAACCTGATTAACCTCGGTGCGGTAAAGTTGTAAACTCTGACCCAGTGGTTGGGGGTCGTTTAAAATTAGTCTTCTTAGAAAAATTACCGC GTTAGCCTCGCCAAAAAATTTCCCTGCATCAGAACTGTCGCAGCAGATTAGTACCGCGGGTACAGAAGCCTCGGGCAGGGTAACATGAAATTTATGCTCAATGGTGCAGTACCATCGGAACAATGGATGGTGC CAATGTTGAGATGTGCGAAGAAATGGGTCTGTGATAACATGTTTGTCTTCGGTTAACTGTTGATGAGGTGCGAAGCCCTGTATAAAAAGGGCTATCGTCCAGGTGATTACATTGAGAAAAACCCGGAATTTAAACTGTG CCTGGAGCAGATTCTGTATGGCTACTTTAGCCCGGAAAAATCCACAGCTGTTTGCCGACATTTATAACTCTCTTGTCTTCGATGACCGTTTTCTGCTGTGTGCAGATTACGCGGATTATATGCGCGCGCAAAAAGAAATC GAAGCCGCTATAAAGATGAAACACGTTGGGCACGCATGATGCTGATGAATATTGCATCTTCGGCAAATTCAGCTCTGATCGCACCATTGCGGACTACGCCCGCGATATTTGGGGTGTGGAGCCAGCACCGTGAA ACTGCCGCCGCTTTCGAACCGTGTCTGCAACGCCGCTGTGGATGCTGTTATGGAATCCAAGTAA
105	OON14987.1	768	4034	ATGGCTCAATCATGGGTTACCACAGCCGGTTTTCAACGGACGAACCTGGTCTGTATCGCGAAGTATTCAGAACGCGCAGAACGCTATGATGATATGGCAGCTGCTATGAAACTGTATACAGAGGTCATCGGCAAGGA CGGCAAGAATTGGGTAATGAGGAACGCAATCTGTTGTCCGTTGCGTATAAGAATGTGGTGGGAGCGCTCGCTCTGCTTGGCGTATTATTTCCGGCATGATCAAACCTGATCTGCCGGAGGAAAAACTGAAATCCA CGAAAGAATATCGTGCTCGTATGGTAGAAGAGTTGAATCAAATTTGCAAAGAGGTTCTCGACCTGCTGAATAAATATTTGACGCCCATGCGTCCAGCGATGAAAGTAAGGTATTCTACAAAAAATGGAAGGAGAC TACTATCGTTATCTGAGTGAGGTCGCGGGGCCGGAAGATCGGGATCGCGTGGTGGGCTCCTCCTGGAAGCTTACGAAAAAGCCATGGAGATCGCGAAACAATTACACCCGACGCATCCCATTCTGCTGGGCCCTCGC GTTAACTTTTCTGTGTTCCATTACGAAATCAAAAACGCGCCAAGTGAAGCGTGCCGGTTGGCGCAGACCGCATTTGATGATGCCTGGCGGAACTGGATTCTCTGCATGAAGACTCTTATAAGATTCTACCTTGATT ATGCAGCTTCTGCGGATAACCTGACACTGTGGAACACGGATCAGGCGGACAACGAGGAAGCAGATGCTGGTGATAATTA
106	OON18761.1	774	4040	ATGGTGACCAGCTTTAAGATCTTGGGAAAAACACCCGTGATCTTTTCGACAAGCACTTCAAATTTGGTTTTCTTGAACCTTTGAGTTTAAACCAAAACAGCGAACGATATTGCTGTGACCTGCGGTGGACAACACGACA GTAAATCCCAACACGTAGCTGGGTTTTCTTGAAACAAAATTAACCAGCGAAAGGCATCAGCTTGAAAACGAAGGTCGACAGTGCCTGGGTCAATTACGTCAAATCTGGAAGTCGAAAAAAAACGTCATGAAAAACTG AGCCACGATGTTGTGGCGACAGTAGAAACAGAAAGTGGTAAAAAGCCTTATCCATGCGTAATAAATTTAAACATGACTTGGTTAACGTAACGCTGGATATGGACTTCAAGAGCCGTTATCCGCAGCTGGTGGGTGC TTTTGTGGTGCCGGTGCTCAATTTAAACACATCGTGCTGGGGGCACAGGCAGTAGTGGACACAGAACCCTTTAACTGACAAAACATGTGTACGCCGTTGGTCTGAAGCATGAGGATCTGCGCGTCCACGCGTCGCT GACCGATCAGCAAATGTAGATTTGAACATCTTCAGAAACGTGATGATCTGAAACTGGGTTCCGTATTGGCTGGAAGAAAGATACACGTGAAACCTCTTTGGGGCAGCAGCTAAGTACAAAGCTTCTCCGACTC TGGATTGAAAGTTAAGGTAGATCAGAACTGTGTGGTGGGCTGGCCTATCGGCTGAAATTGGCGAAGCGCTCATTACATCAGTGA
107	OON14833.1	795	4061	ATGGCTAATACGAAAAAACCGCTGGTTGAACTCTTTGTCAAAGCCGCAACAACCGACAACCGGAGAAAGGTGCGTGCCTCATCGGTCAACAGTGGTTTATGACACTGTATAAATTAGTGGAACAGGGACTGATTGA TCTGCGTTTTACGCCGATGTCACTGGAATTACCGCCGCACAATTATGTTGCGCTGAATGCAGCGCGCCACCTGCCGATCGCCTGGATCGAGTCGGGTTATATCCATGGTAAAGACCAGAGTGGCCAGATCATTACCAG CACAGATGGGTTAGAGGTCTTAATGGAAAACTGGGCAGCCGAATTTAGATCCGCAGGTGGAACCGGCAGATGTTTTGCGTGCGGAGGAGGTTTTGAGGACTTGTATATTAACCTGATGAATTTTATCCGCAACG ACAATTACAAACCCCTTCTCAACACCTTGATTAAGCTCGATAGTTATCTCGCCAGAAAGCGCACCCCTATTTGTTGGGCGAGCGCCTGACTTACCCTGACTGTCAACTGATGCCGAACTCCAGCATGTCCGTGTTGCC GGTCGGGCTATAAAGATTTTGACATTCCTCAAGGACCTGATCTACCTGTGGGGGTATGTGGGCCGATGTACCATACCAAGGCTTTCACCTGCTCATGCCCGTCCGATCGCGACATCTTAGTTCATTACAGCGAAAAAG GATCCGTTACCGCGTAGCATCCGCTCAGTTTGCTTGGTCCAGAATTTCTGTGCGAATTACCCGCGACCTTGCGCAACTCGCCGAACGTGAATGGCAATTGCGTAA
108	OON15358.1	795	4061	CGCACGGCCTCCGGACGTAGCTTTGAATCTCCGAGTCGTCTGGTAGGTCTCGTTGTCTTGGGCTTTAGCGTGTATGTTAGCCAAGAACCGGAAGCGCAAGATATCATTGTCGCTGTGGCCACTATGTCGCTGTTACG ATTGCACTGTACGCACCTATGGGCGTGGGCGGCATCACTCTGATCACAGCGCTGTTGCGCTGCTGCGGAGCGTACCATGAGAGCCAATGCCTGCTTGGTGCCTACTTTATTATCTGCTGGTAATTTTACATCACAGG TAACTGGTGCCACCCTGGGCTACGTTTTCCGCGAGGAGCGGCACCTTCGATTTACGCCTCTTGATGATTATTTGATTGCTATCTCGTGTGGATAGCTTTCCTGACCAGATCATGCAACACGTGGAGCAGCAGATGTT GAGGGCGTCGAAGAATATAGTATGCTGCGTGACCAGCGTGAAAAATCCTTCCCGTTTATGGATAAATTACCGTGTCTTCAATGTTGCGGCGTTAATGGATACACGATTACCGCATCGCATCCCGGTGACGTGT TGCGATCGTCGAAATCAAATGCAACGAATTGCAGCTGACCCCGGATGAAGTGATACTGAAGGCTGCAAAGAAAAGTATAAACGCTTTTTTAAAGACAAGTTGATCGTATTCTTCTGATTGCAGTATCTATCGCG GCGTTTGAGATTTTTGTTTGTGTTAGTATGGTCTGTGCTGCGCAATTGCGCAGTATCATAGCGATTATTATGGTGTTGATTACGCGATCGCGACTTGA
109	OON13638.1	804	4070	ATGTTCTCTCGCGCCGCCCTTTAGTCCGCCACTTCACTGGACTTCGTTGTTTCACTACTTCTGCGCAAAATTTACGCAAAGTCGCATTGCTGGGCGCATCTGGTGGCATCGGCCAGCCTACCGCACTCCTGTTGAAACA GTCGCCGTGGTGTCCCACTTAGCCTTATATGATATCGCACACGTGAAGGGTGTAGCCCGCATCTGAGCCACATCGAAACCCGCGCTCGGTCACGGCACATGACGGCCCGCTCAACTGGCCGAATGTTTGACCG GCGCAGAGGTCGTTTTAATCCGGCGGGTGTCCCGCGCAACCAAGGAATGACTCGCGATGATCTTTACCACCAATGCATCCGTTGTAGCCCACTGGCTGACGCCTGTGCAATGAAATGGCCGAAGCTATGATCT GTGTGGTAACCAACCCAGTCAACAGTACC GTTCCGATCGCAGCGGAAATCATGCGTCGTATGGCGTCTTTGACCCACAACGCTTATTGCGCGTGACTACCCTGGATATTATCCGTTCAAACACGTTTATCGCCGAAGC GAAAGGCTGGACGTGCAAAGGTAAGCTGCCCGGTCAATTGGCGGTATAGCGGTATTACCAATTTTACCGTCACTAGCCAGGTGTAGCCCAACCGTGTATTCCCGCAGGTGAGTTGGCTCCGATTAGTGCAGATAT CCCTCTGCTTTCTTCATTTTTTCGCGACTTCCTCGAGCTCGAGTTCCCTGAGCTTACGCGAAGCGTTAAACTTATTCAGCCGTGTCCAGCGTATCGCTTAACTGTGTAA

110	OON15615.1	807	4073	ATGTCCACTCTGCGGGCGTCCGTCGAGCATGTGGCAGCGGCGTATCGCCTGCGGTGGAACAGATGAGCGATCTGCAGCAGAAAATTAAGGCTTTCAAATGAATACCTCATATTATAACCACTTGGTCTGCTGTAC CATGATATTATGCAACACTCTCCGGTAGTGGCGGAGGCACTGCGCCGTCTGCCGCGCAAGAAACCGAAGCGCGGACTCCGCATCGCAGCTGCGTTTCAACTCTCGGCTACCAAGACCGTCTTCCAAAAGAACA GTGGACGACGGTAGAAAAATGATATCCCTACCTTGATCCTTACATTGAGGTGCCATTACCTCCTGCGTACGTTGCGTGAGCGATATCATGGCGATTAAAGCCATTATGCAGCCAGATCTTTGATAGCCGTGGAAAC CCCACGGTCGAGGTCGATTTAACCCGACAAAGAAAAATTGGGGCCCAACGCGATCCTTGGCGTGAGTTTGGCCGTTTGTAAAGCAGGTGCGGCGCAGCGCAATTTGCCGTTATATCGCCACATTGCGTCATTAGC GGGCAATAATGATGTTATTCTGCCAGTCCCTGCGTTCAACGTGATTAATGGCGGCAGCCATGCGGGAAATAAATTAGCTATGCAGGAATTCATGATTATGCCAACAGGCGCGACCTCGTTCAAAGAAGCGATGCAGA TGGGTTCTGAAGTCTACCACAACCTAAAAAGCGTAATTAAGCTAAGTACGGGCTGGATGCGTGCAATGTGGGCGACGAAGGTGGATTGCGCCAAACATCCAAGACAATATGGAGTGA
111	OON16141.1	807	4073	ATGTCTCGGCGCAGGTTCTGAAAACTGAAATCCGTGCTCAAAATTTCTGAAATGCGCAGAGCAGCATGATACTCGGGATGTGGTGGTGGCATATTTCTGCCGTTTATGCGCATTTCAAAAAGGATACGCTCTGGAC GCAAGTTCCTAATTGCAAGGCCTTTCTACCAAACCTGATGTGCAAATTAGAGGAAATGAAAGCCAGCAACGCGGCCAACGAGGCGTTTTCTAGCGAAACCGTGGGCTTGCCCACTTGGAAGAACACGCGATTAA GCTGTTTCAGTTCGCTTACAATCGTGACGTGAATGCAGATTTACCAACGTGCTGCACCGTGCGACCGTGCAAGTCTTTCTTACTGCCGGGTGCTGTTGGACGTGGCCACCACTTTGGGACAGCCGACTGATGAGCT GGAAAAGATGCGCAAATATGCGAAGTGGAAAACACTCTATATACCAAACCTGTCAGAAAAACGCTGAAGTCCCGATCCCTGGTCCCGCCGCGCGTCTCAGGATTGCGAGCTGGATATCGATTTGCACTTTAAAGTGC CGGGTGGTCTCCCGACGGCGAAAACCCCTCAGGCCCCGCGGTGCGCAACCAGCCAAAACCGTGGTGGATCCGGTTGTGCCGTACCGTCTAACCCAGATACCCGTAGCAGCGTTGATAATACAAACCAATTGAT TCAGAAGTGATGTTGCCGTGGAGAAACAGATTCGCTTCGCACTGAGCGCCTTGCACTACCAGGATAAGAAATCAGTCGTTGATAACTTGACCAAAGCCTTAAAGCTGTTAAGTCTCTGA
112	OON14666.1	819	4085	GAACTCATGAGTGAATCATTGAATCATTTACAGTGACCGATAGTCAAAACACCACCAAATCTACCACGACAACGCCAAGTAGCATCTCACTTACCGCCTAACACTACGGTACCCCGAGCGCGACCGTGCCAAATT ATAATGTGCAAGCAGGACCGACATCTGCTGTTGGTCCAGATGAACATTAAACTGGGTATCACCTATTTTAAATACCAAGGGTGAACCGTTGATGCGCACTTCTACATTAACCTCCAGCGTAATTCGATGTTGTAAAC TAATGGCACTTGCGGCATCGAGCTGGAAACCTGATGCTGACTTGGTGGCGGAACAGCCGAGGTGAAAGATGCACCATCTGGTCACTGGGCCTGCAGTTTCATAAACGCGCAGATGGGCATTTCTCACTGGATT TCATGGTTCTGTCGTACATCACAATACTCTTTATTTCCGGATACCAATGAAACTTCTATTACGTGAGCCGCAATGGGAGCCAGTTCACCTGCCCGTGGGCAGCTATTTTCAATGTATGGCGTCGAGTCTAGC AAATTGACGAAGCCGAGCAGCGTAAAAGATCCGATTGTTGAGCTGAAGTCTTTGTACCTTAAGCGATCTGAAGGCAGAAGCATTCCGAGTGGTAATACCCGACCTTTGTGGGATCGATGCGCGAATGCTCTGCC GATTATGTGCCGAATAAAGTGGTGCCGATCGTGGTGGGTGTCGCGTTAGCAGCAATGATTATTATGCCCTGATTACGTTCTGTGATTAGCAGTCGTCGTCGGCAACGCGGTTATCAGGAAATCTGA
113	OON19878.1	819	4085	ATGTTGTTGCGGCGCCTGCTGACCTGGGGCCGTGCCGTTATGGAGGAACAGATTGCGGGATTCTGAAACAGGCAATTGTTATGCTGATGCGCATAAGACGCTATTGAAGCAACCGAGTTGGCACAGCAGCCTT GCGCATTACCGCACCGTTGCGCATGATCATCTTTCTTTTGGCAGGATTATCTTCTTCTCTGCGTCTTTGGTTGATGCGGCGCAGCTGCAACTCAGCACTGTGCTGAAAAATTTATTTGGGCTTTTGTATTTCTTTACA GTGCTTGAAATTGTTGCCCTGGCATTTTACTATAGTCGGCGTAGTACGGTTTTCAACATCGTGCGTCGGATCCTGAAACAGTCGCTGTTACGGTACCGTAGTAAAGAATCGCGCAGCGCACTCGATGCTTTTAAACG TAATGATGCCGCCGGTCTCGTTCTATCAGAATACGGTGAAACCACAATCTCAATCACGCTGCTTAACGTCTTCAGTTGCATTGTTGTGGACTGCATAATGCGTCTGATTTTGATCAGGCTAAAGACTTTGATCACCAG TATAACACTACGACGGGCCTGATCAATATTACTTACCCGGTTACCTGCTGCAAAATGGACCACCTGTATGTAATTAAGACAACACTTGTCCGGGTAAATTTGACAGCAATAATAGCAATATTGATCGTGGCTGCTGGG AACAACTGTATCCTCATTTGGTATATTACGGCAATGCGGGTGCGGTGGCGGGTTTGATTGTCCTCTTGTTTCAGCGCATTGTGGAAATCCGCCAGATAGCTCAGAAAAAGGGTTTGTGTGA
114	OON15476.1	825	4091	ATGGATCGTTTACTGGATGTGTCAGATCGGGGAGACAAAAAGAAAGTCCCAAGGCGCCGAGCCGCCCAACGAAGGTCACTACCCAGACGAAACTGACGCAGGCGGCGCCAGTACGGGGGAACGTGGTGAA CAACGGGTGAAAAATGTCCCGTATGCGGTTACGGATTGCACAGCGCTTAAAGACGCTCAAAACACCTGCGCAATGCTGACCACTTTTAAAGAAATCGATATGACCAACATGATCGAGTTACGCCGTCAATATAAAGAC GTTTTCGAGAAACGTCACGGTATCAAACCTGGGCATCATGTCTACCTTTGCCAAAGCGTCCGCCGTGGCTCTGCAGGACCAAGCTGTAGTGAATGCAGTTATTGACGGCGGTGACATTATTTACCGTGACTACATTGATA TCTCCATTGCCGTGGCGACTCCGAAGGGACTTGTGGTGCCGGTGCTGCACAATGTTGAGAAAAATGAGTTATTACGATATCGAGCGCGAAATCGTTGAACTCGGTAAGCGCGCGCGTGATGGAACCTGGCCGTGGAA GACATGGATGGTGGGACCTTACCATCTCCAACGCGCGCGTGATGGCTCATTGTTTGGTACCCCGATTATTAATCCGCCGAATCGCGCATCCTGGGTATGATGCGGTATTGATCGTCCGGTGGCCAAAGACGGC CAGGTCGTGGTGCGCCCGATGATGATGCGGCATTACTTATGACCACCGTCTCATTGATGGGCGTGAAGCAGTCACCTTCTGCGCAAAATCAAACAGTTTGTGAAGATCCGCGCACTTTTTCTTCTCAGATTTAA
115	OON23368.1	828	4094	ATGGCGATTAACCGTACTACCTCTGAAGAATGCAAAGCGCGCAGCGTGCCCATCTGGAAACCTACCAAGAGTTCGCGAAGGTGCAGAAGTCCACCGCCAGACCCGTGCGCATATTAAGAAATGGCTCCGGCCGGG TGTCACAATGATCGAACTGTGCGAGGAACTTGAACGGACGTGCGCGCATTGATTAAAGAACGGGGTCTGCAGGCGCGTTTGGCATTCCGACCGGTTGCAGTCTCAATCATGTTGCAGCACACTACCCCCAAACG CCGGTGATACAACCTGTTTAAAGCTATGATGATGATGCAAAAGTTGATTTCCGGTGTCATGTTAATGGCATTCCGACCTTCTATTGAGCGGCGGTATTATCGACTGTGCCTTTACCGTTCACTTCAACCCATAATATGAT AAACTGGTGGAAGCAGTGAAAGACGCAACAAACACGGGCATTAAAGGAAAACGAATATTACGCGATTGAAACGTTTGGTTCAACCGGCCGTGGCTACGTTAACGATGGGGAAAGATTAGCCATTACATGAAAACT TCCATGCGGGCCATGTTCCGCTGCGCATCTCTCGTGCAAAACCTGTTATCAGTCATTGATCGAAACCTCGGAACCTTAGCCTTCTGTCGTCGCTGGCTGGACCCTTGGGCGAGACAAAGTATTGATGGCTCTGAA AAATTTGTGCGACGTGCGCGTGGTCGATCCTTACCCGCCGCTGTGTGATCAGCGCGGCAGCTACACCGCGCAGTGGAACATACCATCCTCCTTCCGCCACGTGCAAGGAGGTTGTGTCGCGGTCCAGACTATTA A

116	OON16649.1	837	4103	ATGGCCGCCGCGCTGTGTGACTCTTCTGCGTGCCTGCAATTTCCCGAATATCCGAAAATTGAATGCGATTATGTAAGCTATCTGAGCAGTGCCAAACAAGACGTGAGTTTAGACATGCAGAAGGCATCTTCATATCTG GCACAGGAAATCCAGAAAGCTCGTGAGCACATTAAGAGCTCGCTGGATAAACAGAAAAACCTCATCCGCGCCCTTGATACATCACGCATCGATGAACTGGAGAAGACCGTTAACAGTTTGATTACCCGTATTTCTGAG CTGGAAGTTCAACTGGGCAAAATGCGGGAACCTGGATCAGATGGTGGCTGGATCGTACCGCCCCGCGCGGAAACCGGCGGGCGATGGTGCGAAGAAGTGGTTTATTTGACTCTGACGATGAGGAAGACCCGGAA GCAGAACGTATCCGCGCCGAACGTTTAGCCGAATATGAGGCCAAAAAGCTACCAAGCCAGCAGTGTTGGCCAAAGTCGAACATCATCTTTGATGTGAAACCGTGGGGGGATGATACCGACTTGTTGAAATGGAAC GCCTGGTGCCTCCATTCAAGCTGACGGCCTCATTTGGGGTTCTAGCAAATTAGTCCCCGTAGGCTATGGGATCAAAAACTGCAGATTAGCTGCGTGGTGGAAGATGACAAGGTTGGCACCAGCTTTCTGGAAGAG GCCATGACCGAATTCGAGGATTACGTGCAGTCAGTGGATGTTGTGGCTTTAACAAAGGTAATTACGTGGTCGGGGACGGTGTTTCGAGTGCCAAAGGGCCGGAGTTTCAAGATATTACTGGGCAGACGAAACGCA CCACGACCGAAAAGCTGA
117	OON14978.1	849	4115	ATGGCTACTTTTGTGCGTCCCTGCCAGAATAACCAATTAATTCAGTGATGGACCTGATGCGCCGCTCCACCACAGAAGATCGACCGTACGCTGCTCGACATCATCTCCCTTGCCCCGACCTGTGTGAAGATATCC TGTCCTCGATCGATCAACCGCTTAAATTCACGTGATAATAAAGCAGGTCTGTATTACCTTTTATGCGACTATAAACCAGGATGGCGATAGCTATCGCAGCCCGTGGTCTAATACATATGATCCGCGCTGGAAGACG GCGCTATGCCATCGGAAAATCTGCGTAAACGTGAGATTGAAATCAATGCGGCCTTTGACCAATACCGTGAGATGTACTACGAAGGTGGCATTTCCTCAGTATATCTGTGGGATATGGAGCAGGGCTTTCGCGGTGTG ATTCTGATTAAAAAGCCGGCGACGCAAACTGGCCTCGGGGTGCTGGGACTCTATTCATGTTATCGATGTGATTGAACGCTCGAGCGCGAAAGTGGCGCAGTACAACTGACAAGTACCGTGATGTTATGGTTGCA AACCAGCGTGAAAGCGCCGGCTATTTAACCTTGGCGGGTCTTAACTCGGTTTATGGAACGGGATGGCCGCTTGGCGACGCAGGGCAGTCTATCACGACGTCTCATATTGTTAACATTGGCCGTATGGTGGAAGA TGCTGAAAACCTCATTCTAGCACACTGAACGAAGTTTACTTTGGTACCACCAAGAACATTGTGGATTCTCTGCACTCAATCGTCCCCGCTCGGAAGAAGAAAAACGTGCGCGTCTGGTTACGAGAGGTCCATACGGC CCTGCAAAATAAGTCTCAATAA
118	OON16238.1	858	4124	ATGGACGTTCTGGTCTGAACGCTGGTGGGACAACATATATGTATCTGCTGGTTGAGCAGGCCAGCAAAATGTGTGCGGCTGTTGACCCGGTGAACCCGAGAAAAATCTTGACGCGGTACAGAACGACGGCTTGAC TCTTAGCCTCGTTCTGACGACCCATCATCTGTCGGATCATGCGAGTGGCAACGCGCCCTCGCCAAAAATGGAAGGAAAAAGCGGGGAAAAACTGATCATTTACGGTGTTGATAAACGCGTGGACGCGCTTGACCA ACCTGGTGAGCGACGGCGAGGTGATTAAAGTCGGCCATACCCTGAATGTTAAATGCCTGGCCACACCGTGCCATACGACTGGTCATATTTGTTATTATGTTTCGGATTCCACTAAGGATTGTCATGCAGTGTTTACCGG CGACACGCTGTTCTCGGGGATGCGGACGTTTTTTGAAGGCACCCCTGAACAGATGCATCATGCATTGCTGGGCAGCCTGGGGAACTGCCTCCGAGCACCAGTGTACTGCGGTGATGAATACACGGTGAAAA ACCTGGAATTCGGCTGACCGTCGAGCCCAATAATAAAGCCCTGCAGGAGCGTCTGAAACACGCGAAAGATCTCCGTGCGCGCGGCTTACCAACTGTGCCGGTACCATTCAAGACGAGTTGGATACGAACCTTTTC ATGCGCGTCGATCAAACGGATGTGCTCGCGCATGCGAAGACCAACAACCAATTGAGGCGATGCGTCTGGACCAATTAATGAGGCGCGCCAACACATGGTGATGGTGCGACCGCAGATTTTGTAACTGCTGTC CCACCTGAAAGAATGCTTGCCTGTTACCGAATAA
119	OON15515.1	867	4133	AATCGCGTTCGCGAGGTATTCGAACGCGTCTTCGAATATACCCATTGCGAGCGTTCGCGCGCGCGATGGTGCCCTCCCGTTGCAAGTGAAGAGGTTTCGCGACCCAGCCTTTTATCAAAATATCAATCCTGCCCGTGTA CGGTGAGCTTTACGCTGGATGAAGCCGTGCATGGACAGGTCTATTTCTTTTATGGTTTAAAGCAACTTCTTTCAGAATCATCGCCGGTACATCATGTCAAAAGATGACGCGCAGTTGCTGGGCGGCACCGGCCCGCTGT CCGAAGCCTGTGAGCCGTACCGTACCAATTCTCGGGGCGTCAGTACGCTCCATGTGGAGCGATCGCCAGCAGCCTGTTTAAATGACACCTTTACCTGAAGTACCACGGGGGTTTCGGATTCTCGCTCGCGACGCCG TGATTGTGCCAATGAGTAAAAAAGACATTGCGTGAAATCAGACGTGAAAAAAAATTCGGTCAGCCTCCAGCCTCATACTGGGATCAAAACGGTGAAACCTGACTCTTGCCCGCTGACGGCATTTAGCGGTGCGCG GAGGCCCTCCGTGGTGATGAAGAGCTGATCGTGTGGATGCGCATCGCAGCGCTTCGACCTTTGCAAACTTCATCGCCTGATTGAGCATACCGGCCAGTTTCAGTCGGGGCTCCCTGCGGGTAGCTATAGCGTGGAC ATTGGCTATAGTTATCCAGTCACTCAGTTTCGGAGGGACGAAACGTTTCATCTTGTCTACTGAGAGCTGGCTCGGTGGCCGGAACCCCACTCTTGGCATCGCATATATCAITGTAGGGAGCATTTGTTTGGTACTGTCTA TCCTGTTCTCATTCTGCACTACCGGCTCCCGCGGTAA
120	OON20297.1	885	4151	ATGGCCTCACGGCGTGCGCTGCATTTGTCTTCAAAATTGGTGACCGCAAACGTAGCATCGACTTCCTGAAAGATGTGCTTGGCATGACGGTTCTCCGCCATGAAGAGTTTCGCGGAAGGGTGCAAAGCATTTTGTAAAT GGTCTTACGATGGGAAATGGAGCAAAACCATGATCGGTTATGGACCGGAAGATAACCATTTTGTGCTCGAATTGACGTATAACTATGGTATTGGCTCCTATAAGATGGGAATGACTTTCAATACATTAGATCGAC CAGCCAGAAGCTTTTCTCGGCTGAAATCGGGTTCGTGGCCGATTATCTCAGCTCGACCGAGTGCGTTGAAACCGAAATGCCGGGTGGTTACCGCTTTGCAATTTATAACCGTGAACCAATGGTGATCCGGTTAAG CTGGTAGCCCTGAGCAGCTCCGTGCTGCAACGCTCAATTGACTATTGGTGCAGGAAATGTGGCATGCAATTACTGTCTCAACGACACCGAGGCTACCCTGTGCTTTGATCCGGCGCAATGTACCTGAAACTTGTA GCTATCAACCAGCTCGTTGATCATGCGTCCGCGTTTCGGGCGCATCGCCTTTGCGTGTCCAAAGAAACAGCTGCTTGAATTGACGTCTCTATGGATGCGGAAAAAGAAACCATTTCTAAGCGCTGGTCTCCCTGGAC ACCCCGGGTAAAGCGACCGTCGAAGTGATCATCTGGCTGACCCAGACGGCATGAGATCTGCTTGTGGCGATGAAGCGTTCGGGACGCTGAGTCAGATGGACCAACGCAGACAAAATTACTGCTTGATGCCAT TCAACTGGACAAGAGTGATGATTGTTTCGCAACACGGTGGTAAAGCGACACAGTAA

121	OON15235.1	897	4163	GAGGTGTATGGAACCTACGGTGACCCTTTAAGCGTTAAACTGGTTGACTTAATTCAGAAAAACCTTGAGTGTGCGGTCCGGATGGTATCTGGCCCGTGATCTGCAGCAGCCGCCCCAGCAAGCTGCTTTAGTCCC CAGGGCGAACCTTTACATTGATGTGTCGCATAGCTGCGTGTGCGCGCTGGATGAGTACTTGCGCAAAAAACATTACCGCTATCGGTATCTGCGGTCTGATCTTCACCGTTCTTAACATTCTGGCACTCATTTTTGCCATCTG CGTTTGTATGGCATTAAAAATCCGAAGTAAATAATCCGGAAGTAATCTGCGATCCCGATCTGCAAAATGCTCGCAACTGCCGGGATGGCGTCGCTGACCTGCGGCTACAAATGCCTTCAATGCATGCTGACTGCATT AAATCTGTTGGTTATTCTCTGTGGTATTGGGCTGATTATTGCGGGTAGCATTGCAGAGTACAATGTAGTGACTTACCTGTCCAATGATGTGCCAATCTGCATGCTTTCGTGATTTGCATCATTGTATTTGGCGTCCTGC TGACGATCATCGGAATTTTCGGCTTTTTTGGCGCTTGGCGTAAGAATATTTGCTGTTTGACCGTGGTGGCCTCGTCAATGGGCCACTCTGCCTTTCAGCTGCAGTGCTGTGGCCCTTATGGCCATTGGCCGATTACCTG GGGCTTGACGCGCTTACTCTTGTGTTTGATAAGAACGGGTATCTGTATGGCCAGGGTTGCGTAGATGCTTTAAATAATTACATTAACAAACATCGTGGTCATCGCAATTTGCGCTCTCGTATTTACCGTATTAAACCT GCTGGCACTGATCTTTGCAGTCTGTGTGTCATGGCGCTGAAACGCGCGACGATGTTTAA
122	OON16191.1	906	4172	CTGTGTGCCCTGATTCTGATCCTGCTGGGTAGCTGGATTGAGTTAACTTTGTGCAATATGGTAAGGAACTGCAAAACCGTTTGGCAGGCAGCTACCATCTTTATGATTACCCTTGGCGCTTTATGCTGCTGCTCAGCTT GGTAGGCTGTTTTGGAGCGCTGGTGGGTAGTGTGGTGTCTGTGGGCCTATGGCGCGCTGGTGGTGGTCTGCTGATTGTTGAGAGTGCCGCCGCCATTGTTACGATCTTGTGGCGTGATAAACTGGACCCGCAAGG TTCATGGTATTCTGAAAGATGCTGTATACAATTACACGCAGTCAGACGCCATCCAACCCATCGATATGATCCAGAAAGCCTTCGAGTGCTGCGGTGCTGATAGTGCTGATGATTATAAACTCGTCTATCCCGGATTTC TTGTGGCCACTTCAAGGTTGTACGCGCATGTGTCCGGACCTCCTGGGCATTTTCGAGATCAAAACCTCTGCCATCGCGTCTGTAGTATTGTTCCCTTCTCCGCTCTACATTCGAGCACCATCACTGTATCCTGTTTGT TCAAACGAGTGCTGGTATCCGCAACGCTTCGCGCGCTGCTGGCGATTCTGACATTTCTACGACCTCTTTCGCGTCACTGCAATTCCTGATTCACTGATTGCTGTACAACTCTTCATGAACTCCCATTACTTTGT TTTACTGATGCGCACCAAAAGTGATTGAATTCATTATTAACGGCTGGCGTACGCTGGAAAATGTGCAATTTGGGAGCGCCGACAGTGATTGCGCAGGACGCTGAGTGGAATCTGCATGCTTCTATACGATCAAGAAGC TGGTGAATACTATGAATCCAAACCGCATACTTGTGAGTTTCTGAATATCACCTTACGTTTTTGAAAAATAA
123	OON17590.1	909	4175	GGAGACAGTCACTATTGCTTTTTACCCGATGTGTCTCCCGGAAGACCTTCCACTGTGTTTCGACCAGTCGTTTTTCTCTGAATCAGTGATTTATATTTATATTGATACGAGCGAGGCCCATTTTGCCATCAATATGTTTC AAGGTACGGTTTGCCGGTTACGTATTGCTGCTTGTGGGTTTTACGCAACCGAGCCGGGAACAGACCACCGACGCACAGCGCCAGAACTGCTCAAATACCACAATGACTTACGCGACAAAAATCCGTTCTGTGCCAGTTG CCGGGCCAGCCACCTGTAAAGGCCCTTACGAACCGATGGTTTTGGGATAGCGACGTGGAAGCCCAAGCGCAACGCTGGGCTGACAACTGTAAGTTCGCGCATGGTGAAGTGAAGGTGTTGGGCCAGAACGCGGCG GTGGCAAGCAACTTAGAACTGGCTGTAAATTTGGGTCGACGAATATATGAATTATACTACTCGTGGGTTCTGCAAGCCAATGACCGAATGCCTGCATTACACCCAGATGGCGTGGGCCACCTCCACAAAATTG GGTTGCGGTGTAAACACTGTCCGAAAACCGCACGACTCTGTACGTGTGCGACTACAAACACCGGGCAATTATTTGGGTCAAAAGCCGTATACTGCGGGTACTGAAGATGATTGCTTAAATCTACCACGACCCCT CCGCCAATATCCCGCTGCCAACCCACTACCGTGCCTTTCTGAAAACGCGGAAACCGTGGGGAAACCCGAACTTGAATCTGCGCGGAACAAAGGGAGCAGCAGACAGGGTCTACGTGCGTGGGCCGTAACTGTG GCAGGCACGCGAGATGGCGGCCGCAAACTCATTTTTCCCTCACGGGTTGCTTCTCAGTATGATTTCGATCTCCAATGA
124	OON23664.1	909	4175	ATGTCATTATACCCTACGTTTCGAGGAACTTAAGGTGGATCAACTGCTGAATGAACAGAACGCTGCAGTGCGTGATGCCTATGCGAGCATGGCGAGTTACATGGGCCTTGATCTGAACAATTTCCACTATGACGCGCAT GGCGAGCTGGTTCCCGGCCCTCCGCCAAACAGCACCCACCCAGAAGCACCGAGCCCTTATCCTGCCATTCAAACGCCGAGTATCATGCCTCAGCCGGCCACAGGCCCCCAACCGTGGCAGGAGCGCAGCCTGTGGC TGTGCCGTTTCGGGTCAGGATCACGTGCGCTTGTGACACCGACCGGCCCAACCACTGAGATCAAACAGGGTCTGCGTTCGCGTGGTGTGTTGCAAAAAATCTGAGGGCAAGTGGGGGTGCAGCTGGTGAGTGTGAT AATGGCGTTTTTGTCTCGATGGTCCGCAAGGACTCCCTGCAGCTCTGGGAGGCCTCCGTTTCGGCGATCAGATTATCAGCGTGTGCGGCAAACTGATGGCAGGTAAGTCTGGTGAAAGCGCAATGAAAACCTCCG TAAAGCGCCAGTGAACAATATCGAACTGATCGTTCGCGACCGCCCGTTTGAACGTACGATTATGGTCAATAAATCCAGCAGCGGGAATATCGGCATTACCTGAATGATGGCGAGATTATTGCCGTGGTTGCGGATTC ATCGGCTGCGCGTAATGGTGTCTTACTAAACATCAAGTAGTGGAAGTGAACGGTCGGAACGTAATGGGTATGAAAGACAAAGAACTGAAAGAACTGCTTCATTGTAACCGGGACCCGGTCCAAGTACTGTCTTC CCACCGTAATTTATAAACATCTGGTCAAACGCTGCTGAACAACAGATCCGCCGTGAAATGGATCGCAGCGATCCAAGCGCATGA
125	OON23446.1	924	4190	TCCACAATCCCGAAGTTGAAAACGCACGTGAGTGTATGAAGAGTTAAACTGAAAGTACCAAAAGTCTTATTCAAACGATGATGATGAATATCGTTTTCTGTGATTTTCGCGATAATTTACTTCGATTAAACAGTTCC AAAACATGGAACGCGGGGACTGCGAAATACGGCGTACCGCAGTTTGTGACTTGACCGCTCAGGAATTCAAAGTGAATACTGCGTTCCGAATTTGGCGGTGGCGTACCGGTAGATCGCGAGTCCGTACCTTTCACA CAAACCGCAGTCAATGATGACAACTTTGACTGGCGCAATCGTGGTGTGTTGGTCCGGTACTGGATCAGGGTGAAGTGTGTTGCTGTTGGGCGTTTTCAGCGCGTGGGCAATATTGAGGGACAGTGGTTCCGTGCGAC TGGTGAGCTGCTGAAACTGAGCGAACAGCACTGGTGGATTGTGATGAAGTGGATCAGGGCTGCGATGGTGGCACCCCGCGCTGGCATTCAAGCAGGTTGTGCAAAATGGGTGGACTGCAGCTGGATTGAGATTAC CCATACGAAGAATCGGAAGGTCAATGTGCGATGGTGGCGAGCAATTTAAAGTGTATATCAATGGTTCCAACTGTTGCCAGAAGATGAGGAAGTGAAGCCCAATGCTTAAAGAAATCGGACCGCTGTCTAGTGC CCTGAATGGCATTTTCTGCAGGAAGGTATCCTGCATCCCTACAGCCGCTGTGCGATGTACAATCACTGAACACGCTGTATTGACGGTTGGCTACGGAAGAGGGGCCGCTTCCGCTATTGGACGGTGAAGAATA GTTGGAGCTCAATGTTTGGTGAACGCGCTACTTTCGATTATACCGCGGTGATGGTACGTGTGGGATTAACACCCTGGTGAGCACCAGTATTATCCTTTAA

126	OON18662.1	933	4199	ATGAATACATCTACGTATTGCCCCATAGCGGAATTGACTTTCCAATTTTCCCATTTTTAGGTCTTGATGGGCTGGCTGAGCGCTGTGCGCAATATCGCAAAGATGGTGCTGAGTTCGCGAAATGGCGCTGTGTTCTCA AAATCACCTCACACACTCCAAGCTATCTGGCCATGATGAAAAACGCTAACGTGCTGGCCCGCTATGCGAGCATTTGCCAGCAAAATGGTCTTGTCGGGATTGTGCAACCCGAAGTGCTGCTGATGGCGATCACGACC TCGCGACTGCCAGAAGGTCACCGAGCATGTGCTCAGTTTTACATACAAAGCGTTAATGGATCATCAGTTTTATCTGGAAGGAACATTACTCAAACCGAATATGGTCACCGCAGGTCAATCGTGCAACCCAGCGCTACA CTCCGGAGGAAGTTTCGCGTTTTCAACCATTTTACTAACTCGTGATTACTAAACAGATGGCACGTAAACCGACCGGAGTTAAATTTAGTCGCAAAACAGCTCACTACCAAATGCGCGCGCCAAAGCGCACAAAGCGACCG GCGGTGTGAAACGTCCTCATGGCACCGGGCCGATCGCCTCGCCACCGTCACTGCGCTGCAACGCACCGTTCCGGTGAGCGTGCCCGGCATTACCTTCCTTCCGGGGTCAATCTGAGGAAGAGCGGCGATTAAAC CTGTCACTATCAACTGCGTGGAAGGCCACAAACCGTGGCGCTCACCTTTTCATATGGGCGCGCTTACAGGCATCAGTACTGGCCGCTGGCAAGGTAAACCGGAAAACGTCCACAAAGGTCAGGAAGAATTACT GAAACGTGCGAAAGTGTGTGGTCTCGCCTCTCTGGGTAAGTATAAAGCGGTGACAGGGGCGAGCCGGCGACCGACCCCTTTTGTCCCGAGTCATGCCTATTGA
127	OON19686.1	933	4199	CGTACAACCCCGTTTGAACCGGACGATGCACGGGCATTATACGAAGAATTTAACTGAAATACAAAAAACCTATAGCAATGATGACGATGAACTGCGTTTTCGTATCTTCAAAGACAATCTGGAGCGTGCAAAGCGT CTGCAAGGCAATGGAACAAGGCACCGCGGAATACGGGGTTACCCAGTTTTCGGATCTGACCTCTGAGGAATTAAGACCCGCTACCTGCGGATGCGCTTTGATGAACCTATTGTCAACGAAGATCCGACACCACAGGA GGACGTTACCACCGACAACAGCAACTTTGATTGGCGCGACCATGTTGTCAGTTGGACCGGTTTTAGATCAGGGCGATTGCGGTTCTGCTGGGCATTTAGCGTAATCGGTAATGTGGAAGGCCAGTGGTTTCGTAAAA CTGGGGATTGCTCGGCCTTAGCGAACAGCAGCTGATCGATTGCGATCATTCTGATCAGGGTTGTGATGGTGGCTATCCGCCGCAAACTACTCGGCGATTGAAGAAATGGGTGGCTTAGAACTGCGCTCAGATTATC CTTATACCGGAAAAGATGGAATCTGCTATATGGACCAAGTCAAAATTCGTGGCCTATGTCAATGGCTCCACACGCCTGCCATGGTGCGAAAAAACCCAAAGCCAAAAGCTTAAAGAAATTGGTCCCTGTCTCGGGTC TGAATGCCATCTGCTGCAATCTATCGCCGCGGCATTATCCTTCCATCCCGCTGTTGTGTAAACCCACAAATGTAAACCACGCCGTACTGACCGTGGGGTATGGGACCGAATTTGGCCTTCCTTATTGGATCGTAAAA AATTCTGGGGTGTTAAATTCGGGGAAGAGGGCTACTTTCGATCTTTCGCGGTGCAGGCACGTGTGGCATTAAACCGCATTGTCTCGACAGCGATCATTAACATAA
128	OON21547.1	933	4199	ATGACTAGCTTTAAGATTACCATCCCGTCGGAACGGACGTCGTCTGGCCAGGAGGTTATCCGTTGGCTTGTGAAGAAACCTAAGGAAGAAATTACGTACGACCTGTTAGTCGGACGCCTTCGTGATATTATCCGACG CCGACCATCGGTTATAACGTTATCTGGACAGACGAAGAAAATACCCATTTGGTCACCAATACCAACAATTGCACGAGGCGATTCTGTTATTTGAAGAAAAAAGCTGCCGGACCGTTGCGTCCGCTTACAAGCCGAG CCGCGGGATGTGATCGATGTGGCCTCTGCCCTGGAGCTGATGGCACTGCAAGCCGAACCGCAGAGCTGTCAACCTAGTTCATCGACATCAAAGACCATTCCAGCGATGAGACGCGTGTCCGACGAAAAACAGCAA CACTCATCTTCTGGCGGACTCATCGATGCTGGCGGCATTGAAACGGGATCGCCTGAATCGCCTCGTGCTGCAGGCCAACGAATCAGTGACCATCGCGCCGAACCGCCGTTTGATGCGGACTGGGACGTGATCAGCA ATGTCCAGATAAAGCCATCCGACGCGAGGCTACCATGCTGAACCCGTTAACGAGCTGAGCAGCGTGCACTCTAAACCTCAGTCTCGCACCGGGACCCATAACAGCAACAAGAGTGCAATCAGCACACCGCGTCAC CCCGTGAAATTCGAGACCTATATGAAAATTTGGCTCACCTCTGACCGAAGGCAAGGAGATTACGAAAGGCGGGCGTAATTCGCCATATAAAATGTCTCGGTGAGAAATTGATACGCTGGCTCGTAAGTTTATAAG ATGGGTTTCCATTTTGAGGAGAAGACATTGATCAGCGTCATTGAGGATTATAAAGGGGATGCGAACCTGATTCTGGACAAATGACCCAGATGCAAAATACGAAATAA
129	OON22637.1	963	4229	GCTGACTACATTCGTCCTTCGAACCGCTGAGCGATCAGATCATTTACTATATCAATCATAAAGCGAATACCACCTGGAAGGCGGCTAAAAATCCCCTTTCAAGACCCCGAGCGATGTGCGGCGTGTCTGGGTACA TTACCAGATCCGAATGGCTTTGCGCTTGAGAAAACGCTGCCTGATCTCGACCATTCGTGAACAGGAACTCCCGGAATCCTTTGACGCTCGTGAGATGTGGCCGCACTGCTCCAGTATTAGCGAAATCCGTGACCAGAGC AACTGTGGATCTTGCTGGGCATTTGGCGCAGCGGAAGCCATTAGCGATCGTATTGCAATTGCATCCGGTGGAAGCATCAACCGCGTATTAGCGCCGAGGACCTTGTGGATTGCTGCACTGATTGCGGGATGGGGTG TCAGGGCGGTATCCGGCGCAGGCATGGAACCACTGGGCGCGTAAAGGTCTGGTAACCGGTGGACTGTATAATACGACTGATACTGCCGCCGTACTCCTTTCCGCCGTGTGAACATCACGTTGTTGGTCTCGCAA ACCGTGCGCAGGCGATCCGGAACGCCTGAATGTGTCCGTACCTGTCAGCCGGACTATTGAAATCTTATGAAGAAGACAAATGGTACGGTAGCCGCGCCTATTCCATTCATAGTGATCAGGAAGCCATCATGCGCG AACTGATGACCCATGGACCGCTGGAAGTGGACTTTGAAGTCTATGCTGACTTTCCGTCAATTCATCTGGTGTCTATAAACATGTTGCAGGCGCGCTGCTTGGCGGCCATGCAGTGCGCTTAGTGGGGTGGGGCGTAG AAAACGGGTAGATTACTGGTTGATTGCCAATTCGTGGAACACGGATTGGGGAGACGGTGCTACTTCAAATCAAACGTGGTGTGAACGAATGCGGTATTGAAAGCGACGCGAACGCAGGTCTGCCAAAACGTGA A
130	OON23984.1	984	4250	AAACCGAAACATGAAGCACTGTGCGACGAATGATCGACTATGTCAATTCAGGTTGGCGCCACCTGGAAAGCCGCTAAAAGCGAACGCTTTAAACCTGGAGGAGATTCGTTCTGTCTTAGGCACCATGCGGGA AGATCGTAAACTTAAGGAGTTTCGCGCTCCCACTATTAGCCATGAAGATATCACATTGAGCTTCCCTTGGAAATTTGATGCACGCGAGCATTGGCCGGAGTGCAAAACCATCAACAGATTCTGTGATCAGTCTCGTTGC GGTTCCTGCTGGGCCTTCGGCGCCGTACCCGCAATGAGTGACCGTGATGCATTCACTCAAATCAGACATTAGTGAATATGCAGCTGAGCGCCACTGACCTGCTGGCCTGTTGCACCACTGTGGCTTTGGTTGTCTTG GGGGTGGGGTGGCATGGCTTGGGATTACTGGCGGATAACGGTATTGTAACGGGCGCGAGTACAAAGACAGCCACAGTGCCTGCCATACCTTTTCCGCCGTGCCATCATCACGGTCCCAAAGGCCCGAGTA CGTCCGTGCCGGAAGAGCTGTACAGCACACCGCAATGTGTGTCGGAATGTCAGAAAGGTTACGCAATTAATATGAAGACGACAAAAATCATGCGTCCACCTCGTATAACCTGTATCGCAGTGCAGTACCAATTCA GAAAGAAATTTGGATGCGTGGGCGGTGGAAGCCGCATGAATGTCTATGCGGATTTGCGCAATTACGCAGGTGGTGTGTACAAACATACAAGTGGCGAACTGCTGGGCGGGCACGCGATCCGGCTCTGGGCTGG GGCGTGAAAAAGATGGAACACCGTATTGGTTAGCAGCAATTCCTGGAACCAAGCTGGGGAGAAAAAGGCTTTTTTCGATCTCGTGGTGAGCGATCACTGCGGCATCGAAAGCGACGTTAGTGCGGGTTTACC AGTAATCTCCGAGCCGCTCTAA

131	OON21068.1	987	4253	ATGGACCTCTTCTCTCCGACCGGCAACAGTGATAGTCCGTGCTCGCGATTACCACATCTGTATTATCCGATGGATGCGTCTACCGAAACGGGCCAACCGATCAACGAGCTTTCTCTGCCTCTGGTTGAACTGTTTGT TAAAGCCGCGCTTCCAATCCCAGCGAAATCGCACCAGGCTGCTGGATCATCAGTGGCTGATGGTGTCTGCGCGTTCTGGAAGACAAGCATTTAATCCGTTTTCGCGTTACTCCAATTAGCATCAAAAAATCCGCCGA AAGCTATATCAAGCTCAACGTAGCGCGTTGCATTCCGATCGCGTGGATTGAAAGTGTTTACTGGAGGGCGAGAACGCCGAGGAGCGTCATTAAACAGCTCAGGTTTCTTGAAACGTTAATGGTGAAGGTGGGT CTGTCTACTTGGATCCGAAACTTAACTGGATGACATTAAAGAAAGCCGAATCTGTGTTGGAAGACCTGTACAAAAACCTGATGCACTATGTGCGGAATAACGTGTCTCGCGTCTGCTGAGCAGCCTTACCAAATCA ACCAATATATGGCATCAAAACCGGGCCATATCTGTTAGGTCTGAATTATCTATGCTGATTGCCAACTGATGCCAACTGCAACACGTACGTGTGGCCGGCCATGCGTACAAGGAGTTTGAGATCCCTCGCATCT GACCCATTGTGGAAATATATTGCCACCATGTATAATGTGAATACTTCCGTAACCTTTGCCGAGCGATCGCGATATGTTGATGCAATACGCCGAGCGCAGCCGCTGTGAAAGATTTCACCCGGGCGCTGTAGGC CCGGGCTTCAGCGACGCAATCCCGAAGATGTGCAATTCGGCCATCAGCAGCAGCAGAGTCTGCAGACGGAGCACAAAGATATGAGGAACACCCGGAAAAATACCACACCACAGTTTGAAGCGCAGCATTACAGG AAAACGCGCATGTTGAATAA
132	OON22784.1	987	4253	ATGAGCAGTATCCTTAAGCCGGTGGCGCCGTCTGATGTCCGTTGCGGCCCTCGTACTAAAACTACTGTGGTAGGAGTAGGATCCGTTGGGATGGCCAGTGCCTTCGCCCTGATGGAGATTACGGGGGAATTGTGCCT GATTGATATCGCGGTTGATAAAGTGAAAGGAGAGGTCTTAGACTTACAGCACGGCCAGCAGTTCTTACGTGCGTGAACGTCCACGCGCGGCTCCGACTACAAGGACTCTGCCAATTCTGATATCGTGGTTATTACTGC CGGTGCACGTGAGATGAAGGTGAATCACGCTGAACCTGGTCCAGCGTAACGTTGATATCTTCAAACAAATGATTCCGAACATTGTTAAATATTCGCCGAATTGCATCATTGTGGTTGTCAGCAACCTGTGGATGTC CTGACTTACGTGGTGGCGAAGCTCAGCGGTTTTCCCCCGCATCGCGTTATCGGCACCGGTACAATGCTGGATAGTGCCCGCTTTCGCTACCTCCTTGGCGAAAACTCGGCGTTGCTGCGAATTCTGTGCATGGCTACG TTATCGGTGAACATGGCGACAGCAGCGTACCTATTTGGAGCAATGTTAACGTTGCGGGTGTACGCTTATCCAGCATTAAACCGAAAAATCGGCACTCCGGATGATCCGGAGAAATTCGAAGACATTATAAAGAAGTG GTGGAATCAGCGTACGAGATTATCCGTCTCAAAGGCTACACTTCTGGGCCATTGGACTGACTTGCCGGTCTCTGTGCAACCGCATTTACACAACCTACATGCTGTTTACCCGCTGACAACCTGCGCAAAAGGGATCC ACGGAATCCAGAACGACGTCTACCTGTGCTGCCGTGCCCTCTCACGAGCGTGGGTGTATCGCATATTGTCCCTCAACAATTGAACGAACAGGAACAGAAAAAGATTACAGCGAGCGCGGATACTCTGTGGAAGGTG ATCCAAGGCATTAATGGTAA
133	OON21665.1	990	4256	ATGGCGGAAGCCCCGATCCGCGTGCTGATCACCGGAGCGGCAGGTGAGATTGGTTATGCATTAGCTGGCATGGTGGCCCGTGGCGATATGTTTGGCCCGCACAAGGTTATTCTGCATCTGTTTGACATCCCGCCGAT GCTGACTTCCCTGGGCGGACTTCGTATGGAGCTGGAAGATTGCGCGTTTGAAACCCTGAAAGATATTGTTGTTACGGTTGAAGCGTGTGAGGCGCTTCAAGGACATCGACGTGGCGTCTGTGAGGTGCCATGCCGC GCAAAGAGGGCATGGAACGCAAGGACTTACTGAAGGCGAATGTAACATCTTCAAAGAGCAGGGTAAAGCCTTGGATCAGTTTGCCAAAGAACTGTTAAAGTCTGGTGGTGGGTAACCTGCCAATACGAACTG TCTTATGATGTCCAAGAACGCACCTTCTATTTCCCGAGAAAAATTTACGGCGTACTCTGCTGGAATTTAACCGTGCCAAATCCAGATTGCACTGCGTTTGGGGGTTCCGGTGTCCGCTGTAAAAAACTGTATCATTT GGGGTAACCACTCGAACACGCAGTTTCGAGATGTGCGACATGCAAAAGGTGATGCTGCCCGGCGCGCAAAAAATCGGTATACGAGGCCGTGAAAGATGACTCCTGGATCCGTAAACGAATATCTGAGCACCATTAGAA ACGTGGCGCTGCCATCATTAGCGCCCGTAAATATCTTACGCGATGTGAGCCGCGAAAGCCATTGTTGACCACATGCATGACTGGTGGTTCGGAACGAAACCGGGCGAATGGGTGACGATGTCTGTGATTTCGGATG GAAGCTATGGCGCGCCGCTGGATATTATGTTTTCTTTCCGGTGGAATTAAGATAAAAAATGGAATTTGTGAAAAACCTGTCGATGGACGATTGGGCCAAGAGCAAATTCAAAATTACCGCCGACGAACTGGTG GAGGAACCGCAATGGCGCTGAGCACATAA
134	OON20186.1	1014	4280	ATGCCGAAACCTAAGGTTGGTATTAACGGCTTCGGGCGCATCGGCCGTCTGGTTTTACGCGCGGCGATCGACAAAGGCACCGTGGAAGTGGTGCCTGTAATGATCCGTTTCATCGACCTGAACATACATGAAATATAT GTTTAAATATGACAGTACGCATGGCGTGTCCCTCCGACGTGTGCGTTGTTGGCGGGAATTTGATGGTCAAAGGCATGACCAATTGCGGTGCATAACGAACGCGATCCTGCGGCCATCCCGTGGGGGTACATCAGG CGGAGTATATTGTCGAGTCGACCGCGGTTTTACGACAATTGATAAAGCGAAAGCGCATCTCCAGGGGGGTGCAAAAAAGGTTATTATTAGCGCGCAAGTGCTGATGACCAATGTTTGATGTTGGAGTGAATCAC CAGACCTACCACAAGGGTTTAGATGTGTAAGTAATGCCTCGTGCCTACCACTGCCTGGCCCCGTGGCCAAAGTGGTTCATGAGAAATACGGAATTCTGGAAGGGCTGATGACGACTGTTTCATGCATATACCGCG ACTCAAAAAACGGTCGATGGCCCGTCTAATAAAGATTGGCGCGCGGTGGGGTGCACACGAGAACATTATTCCTAGCAGTACCGCGCGGCCAAAGCCGTTGGCAAAGTATCCCGGACTTAAACGGCAAAATGA CCGGCATGGCGTTTCGCGTGGCGACCCCTGATGTATCTGTGGTGGATCTGACATGTGCTGAGCAAACCGGCCAAATACACGGAATATGAGAGACCATTAAACGCGCAGTGAGGGCCCGATGAAAGGGATCCTG GATTATACGGAAGATGAAGTGGTATCGATGGATTTCCGTGGTTCAAGCGCCTCGAGCATCTTCGATGCTAAAGCAGGTATCCAAGTGAAGTACACCTTTGTAAGTGGTGGCATGGTACGATAACGAATACGGCTAT AGTTGCCGCGTGGTGGATCTGATTCTCATATGTATTCCGTGATCATGCCTAA
135	OON21614.1	1014	4280	ATGTCTGTGGAATCGCTGGATTTGCGAGTCAAGCCGCTGTCGGAAGATAGCCCGTTCTTTAGCAAAAAATTGCCCGCTGGCAGCCGATGTTTACAGCACGTAAATCCGCAATCACATTCTGGTGTCTGGGAGTC TTTTTCATCCCCCTGGGCGCTATCCTTCTGGCAACCTCAGATTGATGATGCAATATAGCGTCGATTATACCAATTGATGAGACACGACAACAGGCCGTCCGTGCATGGAAGTATCGGCCGGGCGTGGTTTGTTCGT GTATTCAGAAAGTTGTGGTGGCTAAAGATATCCCGGCTCCTGTGTATCTTATTATGGTCTGGAACCTTTTATCAGAACCATCGCCGCTTTGCCGTAGCAAAAGCGATCAGCAGTTGCTGGGCTCCAAGGTGAGTCC GTCTTCTGTCTAGCTGTACCCATATGATACGTTCACTAATAACAGCGTTACTTACATGATCCTGCCGTGCGGCGCAATCGCGAACGACGATTTTAAACGATACATTGAAAGTACCTATCGCAGTTGCTGCAGGCCA ACCTATTCTGTGAGCATGACCAATAAGGGCATTGCGTGGAATTCGGATATTACGCGCAAAATCGGAATTTCTGACGCCGGAACCTTGGCGGATACGGTGAAACCAACCGAACTGGCCGAAACCGATTGAAGAAGCG TCCCCGGGCGCATTTAAAGCGATGAAGAACTATGGTGTGGATGCGGGTGCAGCGCTGCCGTGTTCCGCAATTCATCGCCGATCGTGACGAAGGTGAGTTTCAAGATGGCTTGCAGCAGGTACCTACAC GTTCCGATTAGCTATGATTCCCGTTAGCACCTTTAATGGTCGCAATCCTTTGTAATCGGTAACGTGTGATGGCTCGGCGGTAAGAACAACACCTTGGGCATTATGTGTTAGTTACAGGTTTCTTACACCTGTTAC TGGGTTTCGCTTCTGGCAGTATATTACATTCAAAACGCTGA

136	OON18575.1	1020	4286	ATGAGCGTGAACGAAAAACCGGTTGCGGAACTAAAGGTTTTATGCGTAACTCTGTGTAATTCCTGGTCGTCTTGTGGCAAAGTGCGGATTGTGACCGGGGCTAATACTGGTATTGGTAAAAATGACTGCAGCGGA ACTGGCCCGTCGTGGGTGTCAGGTCAATTATGGCGTGTGCAATAAGGAACGTGCGGAAAGCGCTAAAAAGTGGATTCTTGACACTTATGGGGTGGGCAATCTGATCATTTAAAACTAACCTCGCCGATCCGTGCC TGACAAAGTTCTTTGACCGCAGTGACTCCCGATCAGCTGCAAAATTGAACGTGTTGGACCTGGCCTCTTTAAAGTCTGTCCGCGAAATTTGCAACGCGCAATTGGGCAGCGCCGGGAACACTTAACTATCTGATTAACAACGC CGGCCTGGCCATGGAAGATCACTGTACAACTGAAGATGGTTATGAACATACCATTGCGGTGAATCACCTTGGAACCGTTTCTCCTCACCGAATTATTAATGCCGCTGTTGCGTAAAGGCGTGGCCAGCCGTATTATCATG GTGTCTCTATTGTGCACCGCTACGGTGAACGTGCGGAAACCCGACCTTCAAACGGCGCCGGAAGAGTATGGCCTGCTTAGTGCTACGCACAGAGCAAACCTTGCTAACCTGATCCACGCGCGTGAATTAGCTAAGCG GCTGTGCGGCAGTGGCGTGATTCCAGTTTCCCTCCACCCAGGAGCAGTACGCACGGAGTTATTTCTGTATGCCCGCACCATGAAATCAGTATGATCCACTATCTATCCTTCCGTTACCAACCACCCCTTGGATGGGC TGTCAAACTACGCTGTATACGGTGCTGACGCCAACTTGACCCCGGTGCATACTATGACAATTGCACGAAACGAGCCCGCTAGCAACGCGCTGAATGATGCCGACGGCGAATGGCTGTGGAATAAAAGCTGCG AGCTCGTGGGGCTACCCAAGGAACGGCGACCGATAGCAAGTGTGAAAACGGCTAA
137	OON20336.1	1023	4289	ATGCATGCCCGTGGCACCTTGACGTATCTACCCATATTAATGCTGAGGTGACGCGAGAAGCGCTGTACAAAGCCTGCAAGGGCTTAAACACTGACGAGGACACCATCAACAACATTCTTGCCATCGCAGTCTCAAG CAACGTGATGAAATTCGCGAGGCGTATTCGCGGATGTATCAAAAAGATCTCGTTGACACACTGATCAGCAATACCAAAGGTGACTACGATAGCCTTTTGACAGACTCTTTCTGTGGCCACCTGAAAATTCTCGCATATG ACCTGTATAAGGGCATGAAAGGTTCAAGGAACAAATGATACCGTGTGGAACCTATTATCTGTTGCTGTAAACAACACCGAAATTTACATGCTGAAAAAACGTATGAAGAAGTACTGCGCGAGCATGATCCGAAAAAA GCAGCATCCCGTTCTCTTGAGACGGACGTGATGAAAGAGACGAAACCGCCTTATGAAACGCTGCTCATGCGCTTACTGCAGGGTAAACGCCAGGAAGATAGCATCGACCGTATTGAACAAGCCAGAAAAACCGGTAA TCTGTCCCTCCTCGTGGACGACAACTTGGTGGAACAGGATGTAGCTACGTTATATCGTGCGGGTGCGGGGAGTAGCGAAAAAAAAGGTATCCGGATCCGTATTAATATTTTATGTGACCGTTCTAAATATCACAT TAAAGCCATTTGGGAACACTACAAGCGTCGTATGGCACAACGCTGTTGAAGCAATCACGAAGAAATTTTCAGATCCATTACGTACAGGTTTAAACACGGTTCATGCGCGCAGGTCAATCTGCGCTCCTGCTTGT GTGTCAGTTACATGAAGCTATGTATGGTACAGGACGGATGAAGATGCCTTGATCCGCTTAATCTGCTTACGCTGTGAGACAGATATGACCTCTATCAAGCAAATGTATCAGGAATATTTGCGCAAAAGCTTGGCCGA AGCCGTGCGCGCGGACACGTCCGGCGATTTTCGTAAATTGTTACTGATTTTACTCTGA
138	OON19694.1	1041	4307	ATGGATGACGCGCGCGCAAATCCAGTATGTTTGATACCATGGACACGGACTACATGACGCTGACCCGCTTCATCATCCAGGAACAAAGTAAATTTCCGACCGCGACAGGCGAACTCACTCAACTGATGAATGGACT GCAGACCGCGATTAAAGCGGTCTCGAGCGCAGTTTCGTAAAGCCGGCCTGGTGTCTCTTTACGGCCTCACCGGGACTTCGAACGTGCAAGGCGAAGAAGTTAAAAAATTGACGTACTGGCAAATGAATTATTCATCA ATATGCTTACCAGCAGCTATAGTACATGCCTGCTCGTCTCCGAAGAAGACGATAATGCCATCATCGTGGAATCCGATCGCGTGGGTAAGTATATTGTATGCTTTGACCCGCTGGATGGGTCAATCAATATTGATTGCAT GGGGAGCATTGGCTCCATTTTACCATTTTCCGGCGTCCGGCTGGGGCCACCGGCGAGGTTACGGAAGGAAGCGCTGCGAGACCGGCCCAACATTGTGCGGCGGGGCTATGCGCTGTATGGTTCCGCGACTGTCC TGTTCTGTCCGTGGGTACAGGCGTCCACTGTTTTACCCTGGATCCGAGCGTAGGGGAATTTATCTTGACCCAGTCCCGCATGCGCGTGAAACATCGCGGCAACATCTATAGCGTGAACGAGGGTTACGCCTCTCTGT GGGACCAGGCCATCGTCGAATACGTGCACGAAAAAAATTCCAAAAAGTGGGAAACCGTATGGTGCGGTTACATTGGTAGCATGGTGGCGGACGTACACCGTACTTTAGTATACGGGGGGATTTTTTATACCCC GCGACCAAACTAGCAAATCGGAAAACTCCGCCTTTTATATGAGTGCTACCTATGGCATATTTAATGGAGCAGGCAGGCGGATCAGCGTCCAATGGTGAGATCCAATTTCTGGACATCCAGCCGCGTGATATTCA GAACGCTCTCCTATTTTCTGGCAGTTCTGAGGATGTCGACAGCTCCTGGCTCTATTGCGAAACACAACAATGA
139	OON13328.1	1050	4316	ATGAAATGCTGTATGTACTGACCTAGTCAGTCTGAAATTCAACTCTGAAACGTTGAAATTACGGCCCCGCTTGACTCTATGCGTTGCAGATGGACCGTATCCGTGAAGCCATTAAGCTGATCGGCCCCGGAGGC CGCGCGCACGCCTCAACCGAGTATCCGCAAGACCGTAAGTTTTTCGTTGGCGGAAATTGAAAAATGAACGGCAGCAAAAAAGAGAACGACAAGCTTATCGAGATGTTAACTCATGCGAAAAATCGATCCTAATACTGA GGTTTTAGTTGCGCCCCGTCGCTGTATCTGCCTAGTGTTCTGTAAAAATAGATAAACGTTTCCACGTAGCGGCCAGAAATGCTACAAAGTTCGAGCGGCGCCTTACAGGTGAGGTGAGTAACTCGACAAAGA TTGGAGTCGTTTCTGAAAAGCGCCCTGATTTGTATCCACGTGGCGTCTCATTTACGCCCCGCTATGCTGAAAGATGTAGGTTGTGATTGGGTATTCTTGCCACTCAGAACGGCGTCACATTTTGATGGAGACTGAT CAGGATCCTACGATGTTTAGCCACCTGAAAAATAGCGTATCACTGTTTTCGGTACCTCGCAGCTCTGAGGGAAAAAACCAACCACGCGATCTCTGCGGGTGTGAATGTTATTGCCTGCATTGGAGAAAACTGGAA GAACGCGAAGCAGGTAAACGAGGAAGTTTGTTCCGTGAGTGGAGGCTATTCTGAAGAACTATCCTCTGCGGATATGTGGAACCATATCGTTATTGCGTACGAACCAAGTGTGGGCATCGGGACCGGCAAAAC TGCCACCGAACAACAGGCCAGGAAGTGCATCTCGCGGTTGGAATGGATGGAAGAAAAAGTGTCGCCAGCAGTCGTAACCTCAATCCGTATTATTTATGGCGGTTCCGTACGGCGCGCAATTGTCGTACTCTCG CTAAACAGCCGGATGTTGACGGCTTCTGGTGGTGCGCCAGCTTAAACCCGGATTTTATCGAGATTTGTAATGCCAATGCTTAA

140	OON14960.1	1065	4331	ATGAGCTGTCGCTGCTATTATGTTGGCCCGGACGGTGAGAGCTATAATCCTTCTCTGAAGGCACCGAAAAACATTTGATGTTGAAAAGGATTGTATCGCGTTACGCGAAGCAATGAAAGGCATGGGTACTGACGAGAA TACCATCATCGACATCCTGGGTCAACGCAACACCGAACAGCGTCTGAAAAATCCGTGATCACTATAAAACCATGTACGGCAAAGACCTTATCGAAAAACTTAAGGGAGAACTACCCGGCAATTCGAACGCCTTGTCGT GATGCTCTTGACAGATGGCCCAACAATCAAGGCTAAAGCGCTTTATGATGCCATGAAAGGGGCAGGCACAAAGAAAGCGTGATTATTGAGATCCTGTGCACGGCGTCCAACGACGAAATTTGCTGAAATTAACAAG CCTACGAAAATCTCATCTTTAACTGTATCGCCTTCTTATGTTCAAGCATTGATAGCTCCCTGGAGCAAGATGTGAGCAGCGACTTGAGCGGTTGCTTTAAACATTTTGTACGGCTTTGTTGCAGGGTAAACGTGACGA AGTGACAGATGAGCAGTTCGAGCGCATGAAAAAGAAGGCGTATCTTCAATCCTGGATATGGCGAAAGTTGGCCAGGACGTAGCTGATATCTATGATGCCGGGTGGGCAAACCTGGGACCGATGAAAGCGTTTTTC ATTCGTCTGCTGGCCGGTCTGCTCCATTTGGCATTTACAAGCAGTTTCAAAGCATATGAAAAGACCAGGGTCATTCAGTATGGAAGCGATTGATTCCGAAACCTCAGGAGACTTTCGTGATGCGCTGATGTTGACCC TTTGTGCTGTATCCTGCGCTGCGCGGTATAGCGATCTGCTGCGCTGCAGCATGGCAGGGCTCGGAACCTAACGATAGCTCTCTGATGCGCATTATTGTGACGCGCTGTGAAATTGATCTGAAGGATATTCATTACA ATTTGAAGCCGATCAGGGCAAGAGCCTGGCGCAGTGGATCAAAGAAGATACGAGCGGCGATTACTGTAAATTGCTGCTCACCTGCTCGGCGAAGAATAA
141	OON14246.1	1068	4334	GACTCCCTCACCGTTCAGTGGCGTAAACTGACCCCGGCCAGAAGATGTCTATTTGGAACGGTGCCTCGCCCTGACGCCACTCGATTCTATTATATGACGAGATCTGATCGGCGTGATTGGAACCTCACCTCTCAT CAATTTGGAACATTTTATGGTGACTTATAATCGTAACTACATTGATGCTTCTGAGCATGAGCGCCGTTTCCGTATCTTCGCGAATAATTTTGACAGCATTAGCAAACATAATGTTCCGTTTATTAGGGTGCAAGTGTA TACACAATGGGCATTAAACGAATTCAGTGATAAAACGGATGAGGAACTGCGGAAACTGCGGTGTTTCTCCGCGGACTGAATACGAGTCGTGATGGCAGTAAATACATTGCGGTTGCCGCCCGCCCCCTCCGAAAT CGACTGGCGTATTAAAGGGGCGGTAACCCCTGTGAAAAACCAAGGGAATTGCGGCAGTTGCTGGGCTTTCAGCGCTACAGGCGCGATCGAGGGCCAAAACCTCCTGGCGACCGGCAACCTGGTATCCCTTAGCGAA CAGCAGTTAGTGGATTGCTCCAGTGAATACGGCAATAACGCTGCAATGGTGGCTGATGGACAATGCGTTAAGTACGTGCGCGATAGCAATGGGATTGATACCGAAGCGTCTACCCATATATTTCCGGTGAGAC TGCGCAGCCAACCCGACTGCCGTTTAACTGAAAGAAGCGGTGGTACGTGTGACCGGATATATTGATCTGCCGGTGGAACAGGAGAGTGAATTGAAGTCGGCGGTTGGCCATCATGGACCGATCTCCGTGGCG ATTAATGCCGGTCTGCCTACTTTTATGAGTTACAAAAGCGGAGTCTATTAGATGAGCAGTGCTCACCGGATGGCCTTGACCATGGCGTTCTGCTGGTGGGATACGGTGAGGAAAATGGCATCCCTTATTGGTTAATC AAAAATTCTTGGGGTCCGCACTGGGGGGAAAACGGTTACGTGAAAATCTGCGGAACCATATAACCTGTGTGGCGTTGCAAGCATGGCTTCATACCCGCTGTGA
142	OON16698.1	1074	4340	ATGAGCAGTACGCTGAAGTGCCTGAAAGAAGTGACTACGGTTGTGCGGGATACCGGAGACTTTGAAGTGGCGATCAAAAAATATAGCCCGGTGATAGCACGACCAACCCCTCGCTCATCTGTTGGCCAGTAAGCT GCCGACTTATGCTCATCTGATTGACGAGGCTGTAAAATTCGGCTTACATCAGAAAAAGCTGGAAGAAGAGATCCAGGCTGCGTTCGATCGTGTGTTTGTATTTGGCTGCGAAATTCGAAGGTGGTGCCTGGCCG CGTTTCAACGGAAGTGGACGCACGCTACTCCTTGACGTCCAGAAGCAGGTGGACACCGCCGTCACCTGATCAGTATGTACGAGACCATGGGTGTTCTAAAGATCGGGTGTTAATTAAGTGAAGTACGAGCGAGTTCG ATACGGCCCGTCACTGATTAGCATGTATGAAACCATGGGTGTCTCCAAGATCGGGTTCTGATTAAACTGAGCTCTACTTGGGAGGGTATCCAGGCGGGCAAAATCCTGGAAAGCAAGTACGGCATTATTGCAATC TTACCCTGATGTTAGCTTATGCCAGGCAATTGCGTGGCGAGAAGCTGGCGTAACGTTAATTTGCCGTTTCGTTGGTCTGTCTTGGATTGGCATGTAGCGAAGCACGGCAAGTATCTTATGGTGCATGGATGATC CGGGCGTCCAGTTAGTGACCAGCATTTACAAATATTATAAAGCCACGGCTATAAACTGAAATATGGGCGCGAGTTTCCGTAACTGGAGCAGATTCTGGGCCTGGTGGGCTGCGATCTTCTGACGATTGCGCCCA ATCTGCTCGAAGAACTTAGCAAAATGACAGAGAATCCGAAACGCTGTCTGAGCGTGGATGAAGTGTAGCGTCGACCGGCACCGGGTGACCCCTCCGCTCCGGCGCCGATTCCGAAGCCGAATTCGCTGGCAA CTGAACCAAGATGAAATGGCGAGCGATAAGCTGTCCGATGGTGTGCGCGCTTCGCGAAAGATGCGGAAACGTTACGCGAATTGCTGAAGGCGAAAAATCTGGGTAAATTAA
143	OON20482.1	1074	4340	ATGAATCGTCCGGACGACCCGCGCTTAGGACTTCTGCTGATTGGGCGCAAAGACTTCGATAAACTGAAAGATCGCGCGGCAAAGATGTGGGCTGATTGCGGTGCCGTGTATGAGGGGGTTGATCGCAACGGAG GCCGGGTAGGCGCATGCGACGGCCCTCAGTGGTGATGGATCTGCTGCCCGCTTCGGTGCTCTGGATAACCGCGAATGGAATAATCAATCTGGAACCGCTGGCATTCAACTTGTAGATTATGGTCCACTGGCTCTT CTAACTTGAGGGAAGTGACAATACGCTTAAAGGTCTGGTGAAGGACTGCCTGGAATACTTGTTCCTGTTGTCATCGGTGGCGGAATGATCAGAGCTGGGCCAACGGAGCAGCTTGGATTGAACATCTCCGC ACCAATCCGCCAACAGGATAAAGGCTTGAAGTACGCGTGATTAATATTGATGCCATCTCGACGTTGCCCGTTGATTAACTGGCAGATGGTCGCCAGGTGGCGCACTCCGGCTACCAATTCGTGAGTTACTG GAGATGGCACACACGAGGATATGTCACACGGTACCTTTACGTTTACATTATTTTTGTAAGCCCGAAGCCCAAGGATTTCAAACCTATTGAGTTTGGCGCTCAGGGCCAACAGTGCAGCGGCGTTTATGTAGATTAT GTACATAAACACGCGGGGACCGTTATCTGGCTGTCCCACTTGCAGGTTATGAAACGTGCACCGAACACGAGGCCAGCATCTAAAGCGTTAAATATTGCAAGATATCCTGACGAGATTGTGAAGCTTCGGGACG CCACGTGTTTTCTCTTCGATTGGACGCTATCCAAGCGGCCGACTGTCCAGGCGTGTCTTGTCCGTGCCAATTGGCCTGGCTAGCCGTGAAGCGTTGGGCTGTGCTATGTCGACGGCAAAGGCAAGCTGTTGAT TTGATGGATATCTCAGAGTTAATCCACATGTTGAATCCACCCAGACGTCCCGTCTGATTGTCAACATGATCTACTGTTTCTGCTGGGTTATTCTAACGTTCTGTTCTAA

144	OON18961.1	1077	4343	ATGAGCGAATACAGCTGGAAAGATACTAACCTGGCATTGGTTGGCTCAGAGGAAGATCGTAAATGTGAAGAAAAAGCGGCTGAAACGGAAACCCGCGTGGAAGGATGTTCTGTGATTGACTCGACGACCACCTTGG TGTGGCGTATCAACCAAGTTTAAGGTTGAAGAAGTGAAAAAGAAACATTTGGCAAGTTCTTTAGCGGTGATTTCGTATATTGTGCTGCATACCGAGAAAAACCGGCAATCAGCTGTTGTACGATGTTCACTTTTGGATCG GCAAAGATTCCACGCAAGACGAATATGCCACCGCGGCATATAAGACCGTGGAAGTGGATACTCTGCTTGATGATAAAGCTGTGCAGCATCGCGAAGTCGATGGATTGGAATCGGATGAGTTCAAGAGTTACTTTCCA GTCCGTGAAAAAATTAGCAGGTGGCTATGCTACCGGGTTTCGTGAACGCAAAACCGGAAGAGTTACCCAAACGCTCTGCTGCTGTGCCATGGTCTGGACCGTCGCCATGTGGAGTTGACTGAAAGTTACCTTTAGCCGCAA AAGCTTAAATAGCAATGACGTTTTTATTTTAGATCTGGGTACTAAAGCTTACCAATGGAATGGACAGAATGCGTCTAAGGACGAACGTTTTAAAGCGTCGGAATTCATGCAGCGCTTGAATCCAGCGTATGGGTGCG CTGTCCGACCGTTGTTGTAGATGAAAGCGACCGTGAAGGCACGAATGAATTTCTCTGTAATTACCGGATGAGCCGGTTCATGAAAAACCGAAACAGGAGACGGAAAAAAAGCGATCTATCGCCTTTCTGATGAAA GCGGGCAGTTGAAGGTGACGCTGGTCTGTGAAAATAATCTGCCGCTGGCGCGTGAAGTCTGATGACGATGCATATTTTCATGACAATGGCAACACCTTATTCGTATACATTGGCACCAAGTGTCTGAAGACGGAAAAA CTCAACGCCCTGGCCACGCTCATGAATACTTGAAAGGGACGAAACACCGCTGATTCCGATTACGGTCTGTCGGAAGGACGCCAATCAAAGGAGCTCGATAAAGTCCTGGAATGA
145	OON17957.1	1083	4349	ATGAGCTCCAGCGACGAGACTCACAACCTGGAAGAAGGTCAAAATTTGAGAGGAGATTGATGATGAAGAAGCGGGTAAATACGATCGCAATGAGAGCTACGCTGAAGAAACCTGCCGCGCGAGAGCCTCAGCAAG GAAATATCAGCGAGTGCATTAGCATGCCCTATCGCCTGGGTTACGGCTTTAGCCACGCTTCGTTAAACTTGATTGCTCAGACCGCGCCTCAGCGACATTGAAATCTTGCGCGGATATATTCAATTTGCGTTTTGTTAT CCTGACCAACAACCTTATCACGGACATTAGTCCGGTCAGCCATATTGGGCACCTGATTTATCTGAAAGCTGACAATAACCAGATTGAACGTGCAGATTGTCTCAATAAGCTTCGTTTTCTGCAGTACCTTGACCTTAGCG GGATAAAATTAACCACCATCAATGATTTAAAGCTGCCGTTCTCTGCAGCACTTAAAGTGAATGAAATGCTATCGGCACGTTGAATAGCACCGGATATGGTATCCCGCCGGAACAGTTCCCGGCACTGGCGACGCTGG AATTACGTTCTAACCGTTTGACGAGTTTCGAGGGTATCGCGCCCTCACAACCTCAGTCCCTGTATTGTGCAGAAAATAGTCTGAAGGATACTTCTGGATTGTCCAAATTAACCGGTCTTGTGCGCTGCATGCACG CGACAACCGTATCTCGTCCCTCAATGGTATTACGGTCGCGATGAGCTCGCTGGAATACCTGAACCTGCGCGTAATCGTCTGTATCCTTTGCGGCCGTCAAACCTCTGAGCGCTCTGCCGTGCTGAAAAGTTCTGAAC CTGCTCCAAATCCGATCTGCGATAAAGATGAATATCGTTTGACCGTATTGGCTTGATTTCCCGTCTTCAGAAAGTTGGACAAAGAGCGTGTACCGATAGCGAACGCGCAGATGGGGCGTCGGTCTTGCAAAACA GAGCGACTGGGATGAAGACGCAAGCGAAGCGGAAGCCATGGAGGAACACCATAACGCAGAGGGCCTGGCGGAGGAAGTGGGCGAAGAAGGCGGTGAAGTCCCGAACGAACAGTAA
146	OON23334.1	1089	4355	ATGGACCGTTGGGGCCCGATGGACGCCATCGGAAGTTTTGATCATCCAACCTCACATTCTAGCATGATCGCGCGATGGAACGTGAGATGGAGACGCTCCGCCAGCAGATGGGCGATATGTCAAGCCTGGGCCAAC CCGTTTTCCGGGTACGTCGTTGGCGCACCATCCAAAGCAGCTCAACGAGCCGTGTCAGACCTCTACTACCTCCGGCTCCGGGGATCCTCGTTGATGCAGACGCGTAGCAACGTGCAAGAATCAGTTCAGCACTCACG GACCGTTAATGGGGTGACGACGGGCACATCTAGCCACTCGAGCATGTCGTCAAAAAGCACAGGCCCGGAAGCTTACGCTTAACGCAAGGAGGACACCGGGTGCACTGCTGCCGCAAGGCTCCGTCGCCGGCGGC GTCATGAATTTCTGAAAGATGCGTACGAACTCGACGAAGACGGTGACGTTCAATTCAGAGTCCGTTTCGACGCAAAAGATTTTGCGCCGGAGGATATCGATGTAACCACCGTGGAATAATCGTCTGACCGTCCATGCC AAAAAAGTGAGCAAAACCGGGGTAACGAAACCGCCAAAGAATTCAGCCGCACGATTGATCTGCCGCAGAGTATTGATCATGAGCACTTCAATGCAACTTAAGTGAAGACGGGGTCTGATTTTAGACGCTCCCGT TAAAGCTCCTGATTATCAATCGATCACCTTCGATAAAGATTGCACTTGTCAATCCGCCGAAATCTGAAGCTGAACTGCGTAGTACATCGTCTTACCCGTAATCCATTGCTGGCACCATTGGCGTATCCGTTCCCA CCATCTTAAACGATGGCCGAGCGGGCGTAAGCTGCACTTGGAGTTCCGTTGATCTGAATATAAAGCTGAGAACCTGTGTGTGCGCATGGACGCCAATCGTATTATCGTGTCTGAAAAACAAGTCGACGAGC GGTGGTCGCTCGACCCAAGAATTTCTCGCAGTTATGAGGTTCCGGAGACCGTAGATCCCTTAGCGTTACCGCGCAATTATCCGGTACCCTCTGATTATTGAAGCGCCGCTGCTGTGATGTTAA
147	OON22744.1	1092	4358	ATGACGCGGTTTGCTGAATATCTGTGAGAGAGCCAGATGAAGGAGCTGCGCGAGATCGCCAGGCGATCGTAGCCCGAGGAAAGGCATTCTGGCCGCGGATGAAAGCACTGCGACAATGGGAAACGCTGCGAG AACATTGGCGTTGAAAAACACGGAGGAACACCGTCGCCAGTACCGCCAGCTCCTGTTTAGCTCTAATCCCGAAGCTAGTAAAAACATCTCTGGTGTGATTTATTCCATGAAACATTATATCAGAAAACTGATGATGGTC GTCCGCTGGTGGCGCTTCTGAAGGAACGGAACATTATCCTGGTATTAAAGTCGATAAAGGTGTTGTGCCGCTGGCGGGCAGCCTGAATGAGTGTACGACACAAGGCCTGGACGGTTAGCCGAACGTTGCGCGCA ATACAAAAAGGATGGCTGTCAATTCGCAAAATGGCGGTGTGTTCTGAAGATCGGTCCTCAGCTCCGAGCTACCAGGCAATGCTGGAATAATGCGAATGTGCTGGCGCGCTACGCTCTATTTGCCAACAGAATGGCTT GGTGCCTATCGTTGAACCGAGGTCTGCCAGATGGCGATCAGCACTTGGCCACGGCCAGCGTGTTACCGAAGAAAGTCTGTCAATTCGTTTACAAAGCCCTCGCCGACCAACACGCTACCTGGAGGGTACACTTCT GAAACCGAACATGGTGACTGCGGGACAGGCCTGTCCGAAACGGTATACGCCGGAACGAAACGCCGTTGTACGGTCGAGGCCCTGCAGCGTACTGTCCACCGGCGGTAGCGGGCTTACATTCCTGAGCGGTGGG CAGTCAGAACTTGATGCAACCAAGAATTTAAATGAGATCAACAAAGTGCCGGGGCGGAAGCCCTGGGCGCTCAGTTCTCATTCGCGCGTGCCTGCAGGCAAGCGTACTTGATGTCTGGAAAGGCAAAACCGGAAA ACGTTGCTGCGGCTCAGGGTGAATTTCTTAAGTTAGCGAAAGCCAATGGTGCCGACGCTCTTGGGCAATTTACAGCCGATATGGCGACAGCGGCCGTGACAAGTCTCTGTTCTGCGGAACCAACGCGTATTAA

148	OON20700.1	1104	4370	ATGCCAGCCGTGATGCCCGCTTTTACTGAGTACTTACCGGAAGGCCAAACTGAAGGAATTACGTGATATTGCAAATGCGATTGTGGCGCCCGCAAAGGCATCCTGGCTGCGGATGAGTCTGTGCCGACCCCTTGAAACGCTTTAAAAAGCAATCAATGTGGAAGAACTCGGAGGAAAAATCGCCGTGCGTACCGCCAGCTGCTGTTACGCGCGGACCCCTGTGCTCGCAAAAAATATCTCTGGCGTGATCTTATACCATGAGACTCTTTATCAAAAAAC TGACGATGGTATGCCGTTGGTCCGCTTGCTGCAAGACCGCGGCATTATCCTGGCATTAAAGTTGATAAAGGGGTAGTGTCTTTACCGGGGACACCAGAAGAATGTACCACTCAAGGCTTAGACGCGCCTCAGCGATC GCTGTGCGCAGTACAAAAAGATGGATGTCAATTCGCAAAATGGCGCTGTGTGCTGAAAAATTTCTGATCGTACTCCGAGTTACCTGGCCATGAAAGAAAAACGCGAACGTTTTAGCCCGCTACGCGATTTATTGCCAGC AGAACGGCATTGTCCCGATCGTCGAGCCCGAGGTGCTGCAGGATGGCAACCATGACCTGTTACGCGCCAGCGTGTGACAGAAGAAGTATTGTCTTTACCTATAAAGCCCTCCAGGATCATCAGCTGATTTTAGAGG GGACCTTGCTGAAACCGAACATGGTCACAGCGGGACAGTCCCATAGCCACAAGTATTCGTAGAACAGAACGCGGTTGCGACAGTGCAGGCGTTACAACGGACGGTTCCACCAGCGGTTCCAGGCATTGTTTTCTG AGCGGTGGGATGAGCGAAGTTGAAGCGACGCAGAATTTAAATGCAATTAATGCCGCGCCAGGTGCGAAACCGTGGCGGTTGACATTTAGCTTCGGTCGTGCACTGCAGGCGTGTGTATTACAGACTTGGGATGGTA AAAAAGCAAATGTAGTTAGCGCGCAGCAGGAAGTGTAAAACTCGCTCAGGCAAATGGCGCCGACGCCCTGGGAAAATATGAAGGGAACCTGCAGACTGCCGCCGGTGCCAGTCTTGTTAGCGCGAACCCACGC TTACTAA
149	OON20835.1	1116	4382	GTGCAAAAAAAGATGAGAAGGGTGAGGAAAAACCGATCACTTACGAGCCACCGAAAAATTTCAACCGTTGTCTGTTTCACTGGTGTGCTGTCCGTGGTTCGATCACTATAACCGTTCTGGTAAAGTAACCTCTGGT CAGAAGCGGGTCGTAGGTGTTTTGCTGGGCGAACAACGTGGCACCACCCTGGATGTCAGCAATTGTTTTGCAGGAATCTTTCTGTCTTGCTTCACTACACTCTGGTGCCTTTTGAAGAAGACAAATCAGATTCTAACG TTTGGTTTCTGGATCATGATTATCTGAAAAACATGTTCTCCATGTTGCAAAAGGTGAACGCCCGTGAGCGGATCGTCGGATGGTACCATAGTGGGCGGAAGCTGTGCGCCAACGACATTACCTAATGAATTGTTCC GTAAAGTTCGCGCTAAATCCGTACTGGTGGTGGTTGACGTGCGGCGCAAAGAGTCAGATGGTTTGGCCAGCGACATATACGGCCGTAGATGAGGTGACAGATGATGGCTCTCCCACAGAAAAACCTTTGATCGC CTGCAATCTCAGATCGGGGCGGAAGAGGCCGAAGAGTGGGCATCGAACACCTGCTGCGCGATATTAAGGATACCACCATGGGCCCACTTTCACAGCGCAATTGGCGCCCAATTAGACGGTCTTTGCGGGCTTTTGGC CCATCTGCGGGAAATCGGTTCAATCTCGAACTTGTAGCTACCAACCCAGCTCCCGATTAAACCACAGCGTGATTATCAGTTACAGGATATGTTAATCTGCTCCCGGATCTTCGTTACATGATATGGTACGCGCGGTGC ACGTGAACACCAACGATCAAATGCTGATTATTTACGTGGCAGCGATTATGCGCGCGATTCTGGCACTGCATGATCTGATCAGCAACAACTGCGCAACCGTGAAAGCGAACGCAATGAAGAAGCAGGTGGTGTGTCC GCTGGTGGGATACCAAAAAAACAGCGGGACCGGTGATCAGGCAAAACGCGACGGCGAAAAAACGGAAGACATCGAGATCTCCAAAGCCGGTGAATCCACTTCAAACCCGGGTGCGTCCGGCAGTGATTCTACTA AACCAAAAAAGTAA
150	OON20258.1	1131	4397	ATGGGTGACGAAGACGTGGCGGCCCTTGGTCATCGACAATGGGTCTGGTATGTGCAAAAGCCGGTTTTGCAGGGGATGATGCCCGCGTGCTGTTTTTCCAAGCATCGTTGGCCGCCCGCGCCATCAGGGCGTCATGGT GGGTATGGGCCAGAAAGACAGCTATGTGGGCGATGAGGCTCAATCGAAACGGGGCATCCTGACCTTGAAGTATCCGATTGAGCACGGTATTGTCCAACTGGGATGACATGGAAGAAAGATTGGCATCACACCTTT ACAATGAATTACGCGTCGCCCCGGAAGAGCATCCGGTTCTGTGTGACAGAAGCCCCACTGAATCCAAAGCAAATCGTGAGAAAATGACCCAGATTATGTTTGAACCTTCAACGCACCCGGCCATGTATGTAGCCATT CAGGCCGTACTGTCTGTATGCGTCTGGCCGTACGACGGGCATTGTTTTGGATAGCGGAGACGGCGTGACTCACACCGTCCCGATTATGAAGGCTATGCTCTGCCGCATGCCATCCTGCGCCTCGATCTGGCTGGT C GCGATTTGACGGATTACTTAATGAAAACTTAAACGGAGCGTGTTATTCTTTCACTACCACCGCAGAGCGTGAAATCGTTCTGATATTAAGAGAAAACTGTGCTATGTGGCTTTTGGACTTTGAACAGGAGATGGGCA CTGCACTCGGCGTCTCTCATTAGAGAAATCTTACGAAGTCCAGACGGGCAAGTAATCACGATTGGGAACGAACGCTTTCGTTGCCGGAAGCGTTGTTTCAGCCGTCTTTTTGGGCACTGGAAGCGCGGCATT CACGAAACCACTATAATAGCAATTAGAAATGTGACGTGACATTCGCAAGGACCTGATGCAAAATACCCGTGCTGAGTGCGCGTAGTACCATGTACCCAGGCATTCAGATCGGATCGAGAAGAAATACCGGCTCTT GCGCCTTCCAAATGAAAAATAAAACTCGTGCTCCGCCGGAACGCAAGTATTCTGTCTGGATCGGGGTTCCATTCTTGATCGCTCTCGACCTTCCAGCAGATGTGGATCAGCAACAAGAATATGATGAAAGTGGC CCCGGAATTGTGACCCGCAATGCTTTTAA
151	OON21274.1	1140	4406	ATGAACCTTGACTACCTTCGCGGCACTTGGATGGCGATCGCCTTAGGATGCAAAGCGCCACTGCTCTGCGTTGGCCCGTTGCAAACCTGCGTCTGTTGGCTTCCGGTGGATGGAGCGTAAAAATATTCTGCTGAATGTG CTCTTAGGAGCGTATCATGCCGCTACACTCCCTTAGAAGTACGCGAAATGTTACCTGAAAAATATCCGAAAGTAACCCATATCGGTCTGGTTAATGGAGATGACACTTTGTTAAAGTAGCCTCAGCCATCGAGGAG GGTGCTGGATTGCCCGTGATATCGGGCGATCCGATCCGGAACGCATGGCCGACCCGGCGTTGTCCAATACCTCCAGTCAGTCTGTCCGGCGCAGAAGGTATCACGATGCACGTTGAGAAAGTAGATGGTAAAAA ATACCCTTTAAATGGCGGCAGTGAACCGCGCGGCCTCTGTGGTTTTCCCGCCACGACGGTGGGTAGTTACCTGAACCTACGTGCCCCGGATAGCACGACCATTGACACTACACTGTACCTGATCGGTAAGGGGATTAC CTATGACACCGGTGGAGCAGATGTTAAAGCGGGCGGCGTCATGGCAGGTATGCACCGTGATAAATGTGGCGCAGCGGCCATCGCAGGCTTTTTATGACACTGTCCCGTCTGCAACCGCCAGCCCTTTCAGTGAGCG CAAGCTTGGCGTTTTGTACGCAATTCATTGGCCCTGATTCTTATGTGAGCGACGAAATATTGTGAGCCGTGCGGGCAAACGCGTTCGATCGGCAACACCGATGCAAGAAGGGCGGATGGTTATGGCGGATCTTCTTT GCGAGGCCAAAGAAAAGATCTCCACCGTCCGCAAAGAGGACTATGAATTTAAATAAAGGCCGACCGAATATGAAGATATTTACAGTGAATAATCTTCCATCTTCTGCAACCGCACGCGGTATCAAGTCCCGGCGG CCTTCCTTGATGGCCAGCGGGCTGGATAAGCATGGCATGGATTGTTGAAACCGCTCCCTTATACGCACGTGGACGTAGCTGGCTCGGCCGCTGAGATTACGTTTTGCCAACGGCGGCTCCGTTGATGATGTTG CCTCGCGCTATAATCTTCGCGGTGTCGGTTTTCTCTAA

152	OON23488.1	1143	4409	ATGAACACCACCAAGTGTGGCGGACAAAATTACCGTTCCTCCAGGGCTGCGTGAATTATTGCAGGAACCTACCGTCCACCTGCTGCGCGAACGTCCAGAGGATCTCGTACAGGCCAGTATTGACTTCTCACCATGAAA AAAGCGACATCCGATAACCGTACGAACAAAGGCACTGAAAGCGAGGAAGATGAAGATGCCGAACCAATGCCGATGCCGCCGCTCGTGAAGCGCGCCGTGCCGCCCTCGTCCGGAGAGTTACGACCCAGAGAAAA GATGATGGTTCCACCACGGTGAAAGTCGTTTCATCCGAAAACCGAGGAACAGCGTCAGCGTCTCAACCAAGCTACGAAAGATATTTTATTGTTCCGTTGCTGGACGACGATCAGATGCAAGATGTGATTGATGCAATG TTCGAACGGCGTGTTAAAGCAGGTGAAAAGGTTATTACCCTTGGGGAAGACGGAGACAATTTCTATGTGATCGAAAAAGGTGTGTACGATATCATCGTCCGGGTGGACGGCCAGGAAAAAGAGGTGGGCCAGTATG ATAACAAAGGGTCTTCGGAGAGCTGGCCCTGATGTACAACACTCCACGTGCAGCAACGATCCAGGCGACCGAAGACGGCGTGCTGCGGCGATGACCCGCGAAGTATTTGCGGGCATCGTGTTAAAAAAGCGTT TGAGAAACGCCGTATGTATGAAGAACTGCTGAACCAGGTGCCGATTTAGAAAGCCTGAGCGCGTATGAGCGCATGAATGTCGCGGATGCGCTTAAACCCGTATTTACAACGATGGTGATCAAATCTTAAACAGG GGGACCCGGGCGATGAAATGTTTTTCATCGAAGATGGTGAAGTTCGATTATGATGAAGCGTGTAGGTGAAAGCGAGGAGAAAAAGTTCGAAAGATCGAAAAAGGTGGCTACTTTGGCGAATTAGCGCTTTTGAC GAGCCACCCGCGCGCCGAGTGCCTATGCAGTGGGCCGACCAAGTTAGCGGTTCTGGACGTTGGTAGCTTCGAACGCCTGCTCGGGCCATGCCTCAATATTTGCGCCGCAATATTGACGGGTATGAAGAAAAGC TGAAAAGCGTATTCGGGTCACTGGACAAAGTGCCTGAGCTGCGCCAGTAA
153	OON18690.1	1161	4427	ATGGATCGCAAGTTTAGCGGTCTGCTGGAAAAAATGGACAAGCGTCATTCCGGCTGCAGAAGAAAGTTTTAGACCTGGAGGCAAAGCTTTTAGAGGCAGAGCGTGAAATGCAAAGCGTTCAAGCGGCAGCCGGGT ACGGCCCGCCGGGCGCCGCTCCGGGCTCTGGTCTCACTGGCCGCGGGGATCGGCGCGGTGCGGATGCCATTCCGCGTCCACCGGCACGTTTTACCTTAACCGGCCATCGTTCCCAATCACACGTGTGGCGTTTCACC CGCACTACAATGTGTTTGAAGCGCATCCGAAGATGCGACGATTAAGTGTGGGACTACGAAAGCGGCGAGTTGCAACACACGTTAAAGGTTCATACCGATAGCGTGCAGGATGTGCTTTTGACCCCTCCGGAAG CTCCTTGCTTCTGTTCTGCGGATATGCAGGTCAAAGTGTGGGATTTACCTTGTACCAAGTGCCTGAAACCTTGCCCGGCCATGATCATAATGTCAGCTCGGTGGCTTTCCTGCCCTCCGGTGATTTCTGGTATCCGC CAGCCGTGATAAAACAATTAAAGATGTGGGAAGTGGCCTCTGGTTATTGCGTTAAGACCTTCAGTGGTCATGCGGAATGGATTCTGTGCCGTACGTCCCTCCCGGAGGGGAATCTGCTGGCTAGTTGTTCCAATGATCA GACCATCCGATCTGGTCCGTCGAACACGGGAGTGCCAAATGGTCTCCGCGGCCATGAACACGTGGTAGAATGCATCGCGTGGGTACTCATCCGAATTCTGTGCAGGCCATTACCAATCCTAACGCTCCAGCCAC GTCCTCACAAAATGTTGATAACGCGAACGCCGCGGTTATCCATAACGCCCCGAGCGCCACCGGTGATACCGTCCCGCTTCCGGCCAGCACTTCGACTGTTTTCTGGCTTCCGGTAGCCGTGATCGTTCAATCCGCATG TGGGATATTAAACACGGGTATGTGCCTGTTCAATTGATCGGTGATGATAATTGGGTACGCCAGCTGGTCTTTCACCCGAGGGTGCCTCCTGCTTTCTGCTTCAGATGACAAAACCGTGCCTGTATGGGATCTTAAAA ACCGTCGTTGCCAGAAAACGCTTAGAGCCCACTCGCATTTTGTACCACCCCTTTGA
154	OON13845.1	1167	4433	GGCTCCGCCCCGACAGGGCGGCGGCAACAGCACGCGATTGCGTGAAAGCTTGGCGTTTTTGTGCTGCACTTTCGGAATGCCTTCCCGACGGATCAAAATCCCGATTATTCGGTGATTGGCACCCACGACATTTAC CCGCCAAACAAAATGAGCCCGAAGTTACACGATAGCGACCGTACCAATGTGTCACAGAACTTGCGACTAACGAGAGCCTGTGGAAACCGTGGATTCTTGCGGGCTTCGAAACCAAGGAAAGCATTTTTTCATCGCAA CTGTTATATGCTGTATACCATCCGAATAAAAAACCGTTGATCGTTTTAGGTCTGAACAGTCTTGTTGGTGACTACTAACACAGCCTGGTAGATGAACGGATTGTGATTCTTGCTATGCATGTGCCCTTGGCGGGCCG GAAATTGGTGCCAACGATTATCACCACTGAAAGAGACCTATAACGAGATGCTGGTGGAACTGATCCGCAATTATAGCTCGGTGATTATTACGACCATGCTCGCACGAACATATTGATGCATTCCGTGTGATCCTG GACGAGAAATATCATCCGGTTGGGACGATGTTTCTCGGACCCGCACTAAGTCCGCGCCATATGCATGGCATCGGCTCAAACAACCCAGTATCCGTGAGTTTTTATGACCGTGACACGGGCGCTGTGCTGAACTAT CGTCAGTTCTATCTGAATCTACGCAAGATGGGCGGAGCTGGAAGGTGGAATACAACGCAACTGGCGAGTACAGCCTGAACAACCTACTGCGACCGAAGTGGGTAAGTAACTGCTGGATGAATTTACCACGGAAGACG ATAAAGATGGACGCTGGGGCGCGTACTGGAAACATCAACTGGGCGGTGCGCCGATGAAAAGCCGCCGAAACGTGGGGATGGGGAGTGCCCGGAGGCGCGTAGCGTGTGCGGTGCGAACAGATCTGCTCAATTC GGCATTTAGACGTTAAGACCTTAAATGAATGCCTGAAAATCTGCCAGTCATCCGATACCCCGCATTTAAACACGATCGATGATCTGATCAACGGCCGGGGAGGCAGTGATGTGTCAAACGACGGCACCATCGTTGGTA TCGTATCGGCGTGTTACTGCTGGCGGGTGTGCTGATCGGTATTGGGTTATCCTGTACCGCGCTAA
155	OON14959.1	1173	4439	ATGCAGGTGAAATTTGCTGGGATTGGGGCGATTAAATATCGAACACCAGTATGTCAGAGTCGTCGATTCCGTTTCTGTGCCGACGAGTTCCTCTTTTATTCATGCGCGCCGTATGGCTAGCGCCTCTGGTTTCGGTT TTCAGCGCAGTTTGTTTCACCGCTGGGTGCCGACGGTACCATGCTGCGCCCACTATTGAAAGCACCCAGGTTTTAGCGCCTCCGCTGATGTCAGAACGCTGCACCGCGCAATGAAAGGCGCGGGTACCGACGAG GACACGCTGATCAACATCCTGGCGCTCGCACAAATCATGAACGCCAGCAGATTTGCGCAACTACGAAAGCCTTATCATAAACCTTACGTAAAGCCATCAAAGATGATACTAGCGGCCAGTTTCGTACGGTGCTG TGTGAACTGTGCCATGACCTGCCGTACATTTTGGCCAAAGGTTTGATTATGCCATGAAGGGTTTGGGTACAACGACCGCGTTCGATTGAAGTGCTGGCGACTCTGTGGAACGATGAAGTGAAGGCAGTTTCTGAG GCATACAAACAGGGCCCGGATCGCACTTTACTTTCCGATCTGACCTCCGACACGAGCAACCACTTTAGTATGCACTTTCAATCCTGGCGAGGGTCAACGCGATGATTTACCAGTATTACAGTTGAAGGCAGTGCCGTG AAAAAGGTGTGGCAACCGTTGTCAACAAAGAGCTGGCGGAGGTGGATGCGAAAGAACTTTAGCCGCGGGGGCATCGCGTGTGCGGTACCTCGAAAAACGATTACCCGATTATTACCGTGCACCACTTTTCAG CTCGCCCGCATGCAAGGCTACCAGCGCATGTTTGGAAAACCGTTACTTGACGATATGAATAGCGAGCTGTGCGGCGATTACCGCGCGCTCATTATTGCCCTGATCCGGTATGCTACCGATCGCGCAAACTGCTT GCGGAATGGCTGCATGACGCGATGGCTGGTCTGGGAACCAAGACTATGCCCTTATGCGTCTGCTGATTACGCGCTCTGAAATCGATCTTCAAGAAAGTTAAAGAAGCATATGAAAAAAGTACAATAAAGTCTCGC CAATGCGATCCGGGTGATGCGTCCGGTGATTATCTGAAAACGCTGCTGGCTCTGCTGGGAGAAACAATA

156	OON17760.1	1185	4451	ATGAAAGATGCATGCTTTGCATTTACGTCTCCGTTGTTCCATTCTAGTTCCCTCTCAACTCATATCCCGCGTATGCCTCTGTTTGGCAAACCGAAATCTCAAAGGAGTTGATCCAATCGATTATGAAAACTGCTGATTCTCTCTAGCTCGCAAAGTAAACCGGAAAAAGAGCGCCGCAAGGCCGTGGAAAAACATTGCCGTCTCGCTGAATAATCTGCGTGAATTGTTAACGGACAAAAGCGATACACGGTTAACAGGGCGTGAACGCGACGCGGATTTAAGTAATTTCTGAACGTACTCGTATCAATGAAATCATTACTGATATCACCCATGAACCTAATTAATCTGAATGTACTGCCACTGCTCATCGCCAATTAGACGCCATCGAATTCGAGTCGTGCAAAACACGTAGTGGACCTGTTTGGCCACGTTATGCGCCGTACAGTGGGACGTATAAACCCCTGCGCCCAATATTTACTGGCCAACCCGAACATCTTAGTGAGTCTGCTGCACGGCTATAGTCGTCCGGATCGTGCAATCCATTATGGCGCGATCCTGCGCGATGCTTGTGCCATGAGAGCCTGGCGAAGGTGGTGCTGAGCAGCCCTGAATTTATCAGCTGTTTGACTATGTTCAAGGTACCGCGTTTCGATGTAAGCTCCGACGCATTTTCAACCCCTGAAAGACCTGCTGACCCGTCATAAAACCTGGTGGCTGAATTTCTGTCTACCAACTATGACGAATTTTCAAACACTATTCTAACATGATTGCTGCAGAAAATTATGTGACCAACCGCCAGGCCCTTAACTGTTGGGAGAACTGTTACTTGAGCGGCACAACCTTAGCGTCATGACCGTTATATCGCGGATCCGGAAAAATTTGAAATCATCATGAACCTCTTGAAAAGTGAGAAAAAGCAGATCGCCTTTGAGGCATTTCACTGCTTCAAGGTTTTCTGTGGCCAATCCAAATAAGCCGCAATCCGTTTCATATGATCCTGTTCCGCAATCAAGAAAACTGATTTCTTCTTTCAAAATTTCAAACCGAGCGCACGGATGATGGTCAATTTAACCATGAGAAAGAATACTTGATCAAGCAGATCCGTGATTTGAAAGCTTTGCCCAATTCCTCGAGCAACCCGAGCTTGCTCAGGTTGGCAGCGCTGCTCGTCCGACCTAA
157	OON15341.1	1212	4478	ATGGTCCGTGAGACAAAAATTATGACGTTCTGGGCGTGCACCCCAATGCCACACCGGAAGAGATTAaaaaagCATACCGTAAACTGGCACTGCAGCACCATCCAGATAAGTCGAAAGATAATGGCGAGAAATTCAAAGGAGATCTCCAGCGCTTCGAAGTGATCTCGGATCCAAAAAACGCCGGAATTTATGATGAGGGCGGTGAACAGGCGATTAAGGAAGGTGGAGCCGAAGGCTCCGGCTTTCACAACCTATGGATATCTTCGAAATGTTTTTCGGGGGGGGTGGCCGCTCACGTGGGCCCCGCCGCGTAAAGATGCGGTATATCAGCTGAGCGTTAAGCTCGAAGAGCTTTATAACGGCTGTGTGCGTAAACTGAGCATCACCCGCAATTCATCTGCTCTAAATGTGATGGGCGCGGCGGCAAAAGCGGTGCAGTCCAACAATGCCGTACCTGTGCGGTTACAGGCGTGACAGCCCATATTCGCCAGTTGGGCATTGGCTATGTGCAGCAGATCCAGAGTACCTGTTCTGTGTGCCGCGGTGAACGTGAAATCATCGACCCCAAAGATTGCTGCAAAACCTGCGAAGGAAAGAAAGTTGTACGTGAAAAAAAGGTATCGAGGTTCCAATTGATAAAGGGATGGCGGATGGAGAAAGTATTAATTCGCGGGCGAAGGCGACCGTGAACCGGGCTTAGAACCGGTGATGTTATTATTGTGATTGACGAACAGGCGCACGATCGTTTTGTCCGCCCGCGCACGGATTTAATCTATACCATGCCCTGACCCTCAACGAAGCATTGTGCGGTTTTACCCGCACAATTGATACGCTGGATAATCGCACTCTCGTCTTACGTCCAACCGGGGAGAAGTGTTACGAGCAGCGATTACCGCGCAATTGAGGGGGAGGGTATGCCGCGCTACAAGTCTCCCTTGAAAAAGGCCGCCTGATTGTGCGCTTCAGGTGATCTTCTCCGAATAATTTCTTCCGACGAATAAGCTCAACCAGCTGCGCGAACTCTGCCACCCCGGTCCATATTGATGATATTTCCAGGACGCTGAGGAGGTTGCTTCATCCGTTTGATCCCGAACGTGACACTCAACAGCACCATGGTGCCTGCGGAGGCGTATGACGATGATGATGCCACGGAAGGCGCAATCCGCGTGTCAATGCGCGAGCGCGTAA
158	OON23296.1	1215	4481	ATGGTACACGTCCGCGATCCGAGCTCGTCCGCGAACACCTCCCACTATCAAACACGCCATTGGAATTTAACTGGACCGTTCATTTTACAGAATCCGTTATCTCTGGCCTGGCCAACCTTCGCATTAaaaaaaTTTGGCGGGACGAGAACCCGCTCTTAATCCTTGACGCTAACGATCTGCAAAATCGAGGCCGTTAAATTTCCGGCCAGGCGACCGAGTGGAAGATTTTGGCACACAGTACTAAAGAACTCGGTTCCCAATTGGAAGATTGAAGTACC AACC AAGGATAACGAATTTGACGTGAAATCCACTACCAGACCTCCCCGGAGTCCACGGCCCTGCAGTGCGTGGAGCCGGAAGTACGCGGGACAAACGCTTACCGTTTCATGTTTTCCAGTGTCAGGCCATTACGCAAGCAGTTATTTCCCGTGCCAAGATACGCCGAGCGTGAAGGCCACATTTGAAGCAGTCGTGCATGTTCCAAAGGATGCGGTTGTGGTCATGGGTGCCGTACGCGTGAAAGAACCAAGTGTGAGCTCGCGTGGCGATGACTGGCGTGAGTATCACTTTGTACAGAGCGTTCCAATTCCTTCGTACTTAGTGACTATTGCGTGCGGCGACTTGGCGAGTGAACGCATTGGCCACGCTCTGCGGTCTGGGCGGAGCCGTCTGTAGTGAAGAAAGCCGCGCATGAATTTCTAGACACCGAAAAAATGATTGCAGCAGGCGAGCAACTTTGCGGCCATATATCTGAAAAATTTATGATATCCTCGTTCTTCCGCCTACCTTTCCGTACGGTGGTATGGAGAATCCATGCTTAACCTTTGTGACGCCCACTATCATTGCCGGTGATCGTAGCCTTGTGAATGTATCGCGCATGAAATCGCACATTCTGGACCGGTAACCTTGTCACTAACTCTTCATGGGAGCACTTTTGGCTGAACGAAGGTATACGGTCTACCTGGAACGCTTAATTATGGAGCGGCTGTATGGCAAAAGCAGCGTGACCTGGTTATGGCGATTGGCTATACCGAATTGATTAACGCTCAGTGACGTCGCATCGCTCACAGGAGGATTCCTTCGCTGGGGGCGAACAGAATGCGGGTCAAATGTTTGGTGGTTTCGTCCGCACCGTTGTGTCCGATCTAGCACGGATGGTCATGCGCTACCACCGCAACGTGCTGTACAGTTACCGGTATAA
159	OON15204.1	1227	4493	TCTGTCAATTCGGATCCCGCTGACGGGTTTCAAAAATGTCCGTGCGCGTCTGATGGAAGTTGGGACCCCGGTGGAACAGTTAAACTTTACGTCCATTTCTTTTGTGGGAAATGGTAGCATTCCGGAAATGCTGAATAATTATTTGGACGCTCAGTACTACGGCGAGATTGGTATTGGAACGCCGCCGAGAGCTTTAGGTTGTTTTGATACAGGCTCTTCTAACCTGTGGGTGCCGTCAACTCATTGTAGCATCTTAATATCGCGTCTGGCTGCA CCACA AATACGATAGTGACGTAGTAGCACTACTATCCGAACGGCACAGAAATTCAGCATCCGGTACGGGAGCGGCTCAGTGTCCGGCATTCTGAGCACCGATTACGTGTGCGTGGGTACCGTTATTGTAAAAATCAGACTTTTGGGGAAGCTATGAAAGAGCCGGGTATTGCGTTCTGTGGCGGCCAAATTTGATGGTATCCTTGGCATGGGGTTCAAAGTATTTCTGTGGATGGTGTCCCGACCTTATTGATAATATGATTTCCAGGGGAC TG GTTCCGGAACCGGTGTTTTCTGTTTATCTGGACCGTAACGCCAGCGATCCTGTAGGCGGCGAACTTCTGCTGGGCGGTACGGACCCCAAGTACTACAAAGGCGAAATCCTGTGGGCGCCCTGACGCACGAAGCA TATTGGCAGTTTAAAGTAGATAGTATGAGCGTTGGTGGTATGAAGTTATGTGAGAACGGCTGTCAGGCAATCGCGGATACTGGTACATCCCTGATCGCAGGTCCAGTGAAGAAGTTGGCAAATGAATGACGCCCTGGGCGCTATTAATTTCCGGGAGGCACCTACTATATTAATGCGATCGCGTTTCGACCTTGCTTGTGCGAGTTCAACATTAATGGCAAACTGATGGAATTGAGCCATCCGATTACATCTGCGCATGACCAGCTTCGGTAAGACGTTGTGCAATTTCCGGTTTTATGGGTATCGATATTCCTGCGGGCCCGTGTGGATTTTGGTGATGTTTTATTGGCAAAATTTACACAATTTTGTATGTAGGAAATGCACGCGTGGGTTTCGCGACGGCCTCGCGTCCCCGGCTGTGCCGATGGTTCTGTTTACAGCCGGCGTATCGCATCCCTGTGCAACAGTTGCGTCAGTCCCGAAGAGTAGCTTGGTATTACGCGCTATTAGGCGTAGGCCAGTAA

160	OON15053.1	1230	4496	ATGCCATCGGATGCCATCGATGACTTGCAGGGTCCGGGCTTTGGCTTACTGTTTGATATTGATGGGGTGCTCGGCCGTGGCGCAAATGTCTTCCACAGGCCCAGGAAGCCTTCAAACCTGTTATGCGATCCGGATGGTACGGAAGTGCAGTGCCTGTGCGCTTTGTTACCAACGCATGCGGCAATACCTTAAGTAAGTGGAGCGTCTGTCTCGCTGGTTTAAACGTAGAAATTGATCCGGAACAGTTGATTACGGCGCCGTCTCCCTTGACCGTTTCAAAGAATACCATAAAAAACGTGTGCTGGTCATTGGTCAAGAGAACGTTTTAGAGATCGCACACGAACCTGGGTTTCCTTAACGCAGTTTGCCTGGATGACGTTCTGCGGCCATCCATTGCTGGATAGGTAGATCATGCCAACCGTCTGCTATGCGCAAAGATTAAACCTGTAAGTCGTGCCATGGAACCGATCGAAACCATTTACTGTTGGGGGAACCTACACGCTGGGAAAGCAATCTGCAGCTGCTGATCGATTTACTGATGACCAACGTAAAGCCCGACCATGTACCGACCGACCCCCAGAAGAACATATCCGGTTATTGCATGCAATATGGACCTTGTGTATATGGATCAGGCAGCGCTGCCCCGTTTTGGACATGGCGCCTTTTAGCATGTCTGCAGGCGCTGTATCGCCAGTTTACTGGTCGTAAGCTGCAGTATACGTCTTTGTTAGGTAAACCATCTGAAATTACGTTCCGCTTGTCTGAACATACGTTGGCACTCATGGCCAAACGCATGGGGTATAAACGTACTATCGACCGCTTATTTCTTTGGTGACAATCCGGACGTGATATTCTTGGTTCCAATCTGTATAACAACTTCTCCGTCGCTCCGTCATTCTCAGGGGGCGATAAATTTGGCAATGATGAACACGTCCAGCGCTTAGCGTCTCCAGAGCCGTACCATGCCCGCAAGCCGATCTGCTCCCTCAGACGGCGCGGGAATCGACGCTATCTGGTCCAAACTGGAGTTTACTCCCCGAAAGCGGTGTGCAAAAACGGAAACTACCTACTGCCATCGTGACTTTCAGGGTGCGACGACCTGGTACTGCCGACCTTTGAGGTGGCGAATTGTTGGAAGGCATTCAAATGGTCTGGAATTCAGAACTTCCATCCGTGAAGCGTCCGATCCCCAAGAACCGTAA
161	OON22794.1	1284	4550	ATGTCCCTGCAAAGTGCGGTCATGTATGCGTTCGCAAAACATGTGTTTCAACCGCTGTATCAGCCGGGTTTCATGAAAAATCCTGATTATGGATGAACGTGCAACGCGTGTGTGAGCAGTGTGTATAAGATGCACGACATCACCGAATTCGGGATCACCTGGTGGAGTCTTTATACAAAGTGCCTGCTCTTCAACATGGAAGCGATTACATTATGTACCCGCACCGTCGTGAGGTCGATCTGTTTCTGCGTGATTTTAGCTCAGAGATGCCAACGTATCCGGCTGCGCATGTCTTCTTCTGTTACCTTGTCCGCGGATGTCTTGAACGTGATTGCGGCGAGCCGTGGCATGCAGTACGTGAAGACGCTGGAGCAGTTAGATTGGATTTTATTCCGATTGAATCCTGTCTGTTCTCGTTGGAATGCCAGGAGACAGGTGAGACGTATAGCCTCCCGGCGCGCTGGTTCCGGACAAGAAAACCCAGCTGGAACAGCTTGCAGAGCAATTAGCCACGGTCTGTGTACCTTGGATGAGTACCTCGCATCTTCTATCGTAAAGATGAGACCAACTTGAACTGGCGCAGATGACACTGGCGAAATTAGATGCATGTCGTGAATCTAACCCGAGTATGGGTCAAGGTACCCACAAGGATCGCAGCATCTTGCTGATCCTGGACCGCGGCTTCGATCCCATCACCCGCTGCTGCACGAATTGACCTTGCAAGCTATGTCGTATGATCTTAAACGTTAGTGGAATATGTGTACAGTATGGGAACAATCAAAAAGTTGATCTACCCGGTCAAGACACCTGTGGAAGAGCTTAAACATATGCATATTGCAGATGTACGAAAACCTCTCCGCAACGGGTTGCGAGTTTGCCGATAGCAAAAACAATTTGCGTCATTACAAAGTCGTGAATCCAGTAGCGAGGGGGGCTTCGATAACAAAGCTGCCTACTGGAACCCGGTGAAGGGGACCCCTGGGTCTGCGGAACTGAGCAACATCATCAACGCATGCCTCAGTATCAGAGTGAAGCGAGTAGCTATACGGCGGCGTACAACATTACCGAAGCATGCATGAACGTTTTCCGTACGGCGTGGATAAACTCTGCGGTCTGGAACAAGATCTGGTAATGGGGCAGACCGCGGAAGGTGAACCGGTACGTGACCCGATGCGTTGCTTGTCCGATATGTTCCGTTATGATTTTACGAGTGTAGACGACCGCTTCGTCTGCTGATGATTTTCGTCTTAATCAAGTAA
162	OON13701.1	1296	4562	ATGGCACAGGTGCAGACCCTAAACCGCATAAACCGAACTGCATACGACCGAACAACCTGATGATGTTCTTCATGAAACTTGATAAAAACAATGATGGTGTGCTAGATCGCAATGAGCTGCTCGATTTCTGCCAAAAA AACCGCGTTCTCAGAGCGCCGTGAGCGAGTGGATGTGCGGTTTCGATACCGACAATGATGGTAAATACCTTGAACGAATATTGCCGCGGCCCTCGGCTTAAACCGCAAGACGTTATCAAAGAAAAGACAGAGATCCGACGCCAACAGAACGTACAGGATTTGGAGAAGTTTTGACGTTTCTGATATCGAGGTGTTGCACACGTGATGACTTGGGCCAAACAAGAAGATATCGTAAACAAATACAAAGCCCTGGTGGGACAGCGGAGAGCCCACGGAAGAAAAATGAATCAAGTGGTAGATGGACTGCAAAATTATGAATGATAAATATGGCAAGGTTTGGCAGTGTGTCATTCTGACCGGTTCTTCTGGATGCGTTTTTATACGAACCGTTTATGAGCATTGAGTTCCGCCATAAAAACAAAATTCGTGGTTTTAGCCTGGCGTACTAACCGTACCCGCAAGGAAGTGGCGTATGATCAAATCAAAAATGCGGCTCCGTCAGTGGAAACACCTCAAAAAGCAGTATGATGTGAAAAACATTCCAATAATATCCCGAAAAATATGAGGGGGTTGAAACGATGGGCGAACAGGGCTCCGATATGGAGAAAAATGATCGAAATGTTTTGGGGATGGATAAAAAATGACGACGGATTCTGTGATCTGGGCGAATTA CGTACCGCTGTGAGAAAAAAGCTGGATATGAAACAGGTTAATGGCTGGCTGTCCGCTACGATACCAACAAAGATGGTAAATAGTTTGACGAATTCTGCGATGGTCTGGGTCTGGGAAAAACAGGAAATGATCGTAGAAAAGGAGGAACGCGATATCTCTAACACCAAAATCTGTCCGACCATCGCACATGAAATTAACCTCTGGACACCACGATGAGTGTGGCAAAAACAGCACATATACCGACAAATTTATTGAGCTGGCCAAAG AAGTCTCTAGTGATCCCATAGATGAACCAAGTGGTGTCTAAAATGAAGCGCTTCTGGATGAGCAATACGGCCGCGTTTGGCAAGTGATTGTATTAGCTGGCTCGATTGGATCAATTATAGCCACGCCCAATTTCTGAGCATGCAATTTCAATATGGCCCCATACATCTGTATCGTCTGGCGTACGACCATCAACTAA
163	OON21082.1	1299	4565	TTGTGTTGTTCTGCTGTGCGCTGCAAAATCGTCCACCTCAAGCCGCATCATGTTCTCCCTGATCCTGGTGCTTACAGCCCTGCTGAGTGCCATCGCCCTTATCCCGCAAGTTTCGCACAGTTTGACTAAAAATTCCTGCGCTGTGCACGCGGTTCAATCTTGCAGACCTTGAACCAACGTACGCGGGGTAGTTGATTGCGACGCGATCACAGGTTTCGGCGCCGCTACCGCTGTGTTTTGCAGACGACGATGTTCTACCTGCTGTTTACGCTTTTGA TGATTCGGGTGACTTCTTCCAAAGATCCGCGCAGTAAATTCAAAATGGATTCTGGTTCTTCAAATACCTGATTGGTTTGGGCTGGTGGTGGGTGCCTTTTTTATTCCGGTTGAGGGTTTCACGACATCATGGATGAT TATCGGCATGATGGGTGGTGCAGTGTACATTGTATCCAGCTCGTCTCTTAGTGGATTTCGCGCACTCTTGAACGAATCGTGGATTAGCAAAATGGGAAGACACCGGTGAGAAGTGTATGCGATTGGCCTGGCCGC ATTTACTACTATCTTACATTATCAGCGCAGTGGCTGTGCGTCTGTTATATCATTTTTACGCGGGCGCGACCGAATGTGCGGTGAATAAAGCGATGCTGTCCCTGAACCTGATTTTTATTGTGGGCGTTAGCGTCATTT CCGTGTTACCAATGGTCCATGAGCGTCTGCCAGTAGTGGGCTGCTCAGAGCAGCATGATCTCATGTTACGTGGTTTTTCTGACTTGGTCAAGCATGACCAACGGCAAGATCCGAAATGCAACCCCTCCATGAGCTT CCAACCTGTTACGAATAGTACAGTGCCGGACGAATCTGTAAGCCTGCGCTTTGATTGGCAGATCGCGATGGGCTTATTATCCTCATTCTCAGTGTCTCTACTCATCTTCTGTTGAGCTCTCATACCGCGGTGCGCA AATTAGGAATGGCGGGTCCGACTCGGTTGCACTGAACGATACAGGTCCATTAACTGACAGCGAGAAAGGTAACAGGTTGTTGGGATGACGAGGAAAAACCGGTGACGTACGTTTACTCGATGTTCCATTTTCATG CTGCTGCTGGCCACTCTGTACGTGATGGTAATGCTGACGAACTGGTTGAAACCAGAGAACGATCTTAAATCCTGTCTGCTAACGTGCGCTTACTGGGTGCGTATGGTTAGTAGTGGGTGTGCCTTTTGTGTACT TGTGGACCATGGTTGCGCCGATCATCTGCCGGATCGCCAGTTTTAA

164	OON16674.1	1299	4565	ATGCTGAGCGATGCAGATAAACGTGCTCAGATCAGCGTGC GCGGAGTTGCACAGGTGGAAAACTAGCAAACCTAAAAGCGTCTTTCAACCGTCACCTGCATTTGCAGCTAGTGAAAGATCGCAACATTGCTACACC TCGGGATTCTACCATGCTCTGGCTCGCACGGTCTGGGATCATCTGTAGCCGCTGGATTGCACGCAGCAGTTTTACCATCGCGAAGACCCGAAGCGCATCTACTATCTGTCTTTGGAGTTTTACATGGGCCGCACC TTGACTAACACCATGCTTAACGTGGACATCGCAGCTGCTATCGACGAAGCTATGTACCAATTGGGCCTGGATATTGAAGATCTGGAAGAAAGTAGAATCGGACGCGGGACTGGGCAACGGCGGCCTGGGCCGCCTGG CAGCGTGCTTTCTCGATTTCGATGGCTACACTGGGGCTCGCGGCATATGGATATGGCATCCGTTACGACTACGGTATCTTTGAACAACTGATCCGCGATGGTTGGCAGGTCGAAGAGCCTGATGAATGGCTGCGGTAC GGAAACCCCTGGGAAAAAGGACGCCCGGAATATTGTACCCGGTGAACCTTTACGGGCATGTGGAGGATGCAGGTAACGGCCGTAAACGCTGGGTGCAGCTCACCCGCTCTCGCATGCCGTATGATACGCCAAT TCCGGGCTATCGCAACAACACTTGAACACCCCTTCGCCTTTGGAGCGCGAAAGCGCCTAAATCATTTGACCTCTCAATCTTTAATACGGGCGATTATTAACGCAGTGTGCGGCCGCAATCACGCGGAAAAACATCTCC CGTGTGCTGTATCCGAATGATAATTTCTCGAAGGTAAGGAACTGCGTTACGTCAAGAATACTTTTGGTTGCCGCCACGCTGCAGGACATCATTGCGCGTTACCGGGGCGGAGGAGTCCCTCATACCACCTTCGACG AATTCCCTAAGAAAGTTGCCATTCAACTGAATGATACGCACCCTTCGTTGGCAATCCCGAACTGATGCGCATTTTAGTGGATTGGAAAGGCTGAGCTGGAAAAAGCGTGGGAGATTTATATAATACCTTTGCGT ACACGAATCATACCATCTGCCAGAAGCCCTGGAACGCTGGCCAAGTGAAGCTGTTAGAACATATTCTGCCGCGCCATCTGCAGATTATCTTCAAATTAATGCGGAATTCTGGAACGCTATTTTGTGACGTTTAGTCC GAAACCCGTTGGCAAATGTGGAGGAGGGAAAGTTCAAACCGGCCTGCGTGGTGGCTAA
165	OON23642.1	1323	4589	ATGTCCTTTGCGTTACCGCTGTGCCGCTTGAGCGCGGGCTTAAGCCACCGCATCGCTGTGGCCGAACGGTCGATTCTGGTAGGTAAATTCGCATGCCGCTGTACTCGTCTATGGAACAAAACGTATTAAAGTGGCA AACCCGGTCGTGGACATCGATGGCGACGAGATGACTCGCATCATTTGGGAGAAAAATCAAAAACACCTGCGAATATTTGACCTGGGTTTACCGAACCGTGATCACACCGATGACATGGTGACCGTCGAGGACGCGAA TGCGATTAAGAAGTGCAGTGTGGGCATTAAATGTGCGACCATACCCGGACGCAACAGCGGGTAGAGGAATTCAGCTGAAAAAATGTGGCTGAGTCCGAACGGTACCATCCGCAACATCTTAGCCGCGCAGATT TTCCGTGAACCGATTATTTGTAAAAACATCCACGGCTTGACCGGGTTGGACGAAGCCCATTTATTCGGTCGCCATGCGCATGGTGACCAAGTACAAAGCGACCGATATTGTGGTAAAAGAGCCGGGACCATCGA ATTGGTGTTACCCCGAAAGATACGGCGAAACCCCGGAACGCCATACAGTATTCAGATTCCCGGATGCGGAGTGACGATGCGGATGTATAACACCGACGAATCCATCCGCGGCTTTCATATAGCTGCTTCAATA TGCCTTGCCAAACGCTGGCCTCTTTACATGAGCACGAAAAACACGATTCTGAAACGCTATGACGGCGCTTCAAAGACATTTTGAAGGAGATTTACGTTAAAGATTACAAAACGGCGTTCGAGGCAGCGAACATCTG GTATGAACATCGCTTAATTGACGATATGGTCGCGCAGGCTTAAAGTCGAGTGGCGGCTTCGTGTGGGCGTGTA AAAACTACGATGGCGATGTCCAGTCGGATATCGTGCGCAGGGGTACGGCAGTCTGGGTCTTA TGACCTCGGTGCTGATGTGCTCTGATGGTAAGACGATTGAAGCAGAAGCGGCGCATGGGACCGTGACTCGTCACTACCGTGAACACCAGAAAGGCAAGCCGACATCCACAAACCAATTGCAAGCATTTTCGCTGG ACGCTTCTGTTCTGTGATAACCAGAGTATTTCTTCGTCGCTCTGCGTTTCTGCGATGACCTTGAAGGCGCTGCATCGAAACGGTTGAAAGCGGTA AAATGACCAAAGATCTGGCGATCTGTATCCATGGTCTGAAA GATGTCAAACCCGAGCACTTCTGACGACTATGGACTTCTTAGAAGCGATCGCTCTCGTTGCGTGAAAAACGGGGACCGCTTAA
166	OON18674.1	1326	4592	ATGTATCCGAGCGATCTGTCAGCTTGGTCCTTGGGTGGCCCTCTAGCCAAGGGCTGGCTATCCTCCTAGCATGACACCTGGCTATCCGCCAGCGCCTGGATATCCGTCTGGCATGCCTTATGACCAGCAGCAACCCG GTTATCCAGCCCAGCCGGGTATCCAAGCCAGTTCAGCCCGGTACCCGGGCCAAACCCAGCCATCTTATCCGGCTCAACTGGGTACCCTGCCAACCTCAGCCGGGCTACCCGGCACAGCAAGGCTATCCTGGCC AGCCACAGCCAGGGCATCCGGTTATGCGCAAGCGGCTACCCCTGGTCAGCCGACGAAGGTATCAACAACAGGGCTATCAGCCGCAACCTGGATATAGCCCGATGGGCGGTGCGATCCAGGGTACGTCTCCTGT CGGTGCGGCACCACTAGCAACCCTACCCTGCGGCCGTACCCGTACTTTAAACCGGAAGAAGATTGCGAAAAATTACGAAAGCGATGAAAGGCTGGGCACCGATGAAAAAGCTATTATCGATGTGTTGGCCACC GCACGCGAGATCAGCGGGTGCAGATCGTCAATAAAATTTAAACCATGTATGGTAAAGATCTGATTGCGGAATTA AAAAGCGAATTAACAGGTCACTTTGAAGATGTTATTGTTGCAATGTGTTACTCTCTTGATGAGC TGGATGCCGCGAGCTGCGTCGTGCCATGGAAGGGGCTGGAACCTGATGAACAAACGCTCATCGAGATCCTGTGTAGCCGTAGCAACGCGCAGATTGCGCCGATCAAAGAAATCTATAGTAACATTTTAAAGGCCGT AATCTGGA AAAAGATGTTATGTCCGAGACCCACGGGCACTTTAAACGCATTCTGGTCAGCTGGTGCAAGGTAACCGTGATGAATCCACCCACGTGGATATGCAGGCGATACAGGCCGATGCACAGGCCTTGATATA AGCAGGGGAAAAGCAGTTAGGCACCGACGAGAGTTGCTTCAACCGTATTTTGGTATCCAAAAGTGAAGCTCACGTGCGTGCAGTGATCAACGCATACAGCTCGGTGAGCA AAAAGATCTGGAAGACGCGTTGAAA TCCGAAATGTCTGGGGACCTGTGACGGCATTCTTGCCGTCACCCGCTGCATCCGCAACAAACCTGGCTATTTGCGCGCCAGCTTAAGAAGTCAATGGAAGGAGCGGGAACCCGCGACCGTCATCTGATTCTGTATC GTGGTGACCCGGGCCGAAGTCGACATGCGGATATCAAACCTGAATTACAGCCGCCAAAACGGCAAAAGCTGGAAGCTTGATCGCGTAA
167	OON18257.1	1329	4595	ATGGACAAGCTGGAATCACTGCTTGATCGGCTGGAAAAAGTTGTTTTGTGTTTAGAGTCGAGCCAGGACACTGGGATGAATCGCTGTCCGCAGACCAGTACGCAGTTTAGTTCTAAAGTCTACCTGGGGAATCCGAA AAGCAATAACAGTCTTAAGAGTATGACGACCTCATTAGTGGTCCCTTAGCGGAATTTCTCACTCTGTCAAAGAAGATCGGGGGTGACGTCAAAGAACAGTCGGACTTAGTCCAAAAATGCTTTGTGTGCCAGCGCCA GATCATTGAAAAATGCAGCACAAATGGTA AACCATCGGAGAGCCATCTGGAAGGTTTATTGCGTCAGTGTGGCGAGCCGGTAGCAGCTGTGGTACAGTATAAAGATAAAAAACGCAGCAGCCAGTACTTCAATCATC TGTCAGCGGTTGCCGAAAGTATCCTGGCTCTGGGGTGGGTGTCGGTCACACCGGCGCGGCGCCGTACATCCAGAACATGCAGGAGGCGGCCAGTTTTTATCAACCGTGTAAATCAAAGACTTCAAAGAGAAGGAC CCGACGCACTGGCGTGACCAAAGCTCTGACTTCCCTGTGGGATGGCTGCGCGATTATGACGTAAAAATCATACCACGGTCTGTATGGAACGTTAACGGGACGCTTGCCCGAGTACGGGTGGTGGCGTCCC CGCCCTCCCCCGCTTTTCTGATGCAGATCTGGTTGCACCGGACGCGCGTCCGCGATCCTACTCGTAATGCCCTTTCGCGAGATGAACCGCGGCGAGGCCATTACCGCAGGCCCTCCGTAAAGTAAGCGACGG AATGAAGACTCATAAAAATCCAGAACTTCGGGCCGGTGCCGGCTTACAGCCCCGCTCGGGGCTCCGCAGAAAGCACCGGAAACCAACGACCAAGCAATAACGGTACCAAGCAGGCCACGCCAGTTATGGAAGTGGT GGCAATAAATGGGTAGTCGAAAATTACCAGAACCAGCATTTAAAGATTACCGAGACCGAACCAAAAACAAACGGTGTATGTGTACAAATGCGTTGGCTGCACCATTTAGAGTTAAAGGGAAGATTAACTCTATCATGAT GGAACTGTAAAGAAACGGGTGTTGTTTCGACGATCTGATTTCCGCTTTAGACATCGTAAATGTCAATCTGTACAGGTGCAGAGTATGGGACAGCTGCAAACGGTGAACGTGGATAAAACAGACGGCTGCCAGA TTTATCTGTGAGCCAAAGCCTGTATGCGGATATCATTACCGCAAGAGTTCTGAACCTAATGTGTTGGTCCCGAAGGCGAATGGCGATTACTAA

168	OON23758.1	1332	4598	ATGCGTGAAATTGTGCATATCCAGGCGGGTCAGTGCGGTAACCAAATTGGCGCCAAGTTTTGGGAAGTAATCAGTGATGAACACGGGATTGATCCGACCGGCACCTATCATGGGGACTCTGATCTGCAGCTGGAACG GATCAACGCTCTACTATAACGAAGCCAGCGGCGGTAATACTACGTACCGCGTGCATCCTGGTCGATCTGGAACCGGGTACTATGGATTCTGTGCGCGCAGGCCCCGTTTGGTCAGCTGTTTCGCCCCGATAATTTGTATT CGGGCAATCGGGGCGCGGAACAATTGGGCCAAGGGCCATTATACAGAGGGGGCGGAGCTGGTCGATTCGGTGTTGGACGTGATTTCGCAAGAAGCCGAATCATGCGATTGTCTGCAGGGTTTTAGTTAACTCAC TCGCTTGGCGGCGGCACCGGTAGCGGGATGGGCACGCTGATGATCAGTAAGATTTCGCGAGGAGTACCCTGATCGTATTATGAACACGTTCTCTGTTGTGCCGAGTCCAAAAGTGAGCGACACCGTGGTCGAACCATA TAATGCGACGCTGAGCGTGCATCAGTTAGTCGAGAATACGGATGAAACGTTTTGTATTGACAATGAAGCGCTGTACGATATTTGCTTCGCACGTTAAAGTTGACCAATCCGACTTACGGGGACCTGAACCATCTGGT GAGTGCAGCCATGAGCGGCGTCACAACATGCCTGCGCTTCTCTGCCAGCTGAATGCAGACCTTCGTAAACTGGCTGTTAACATGGTGCCCTCCCGCGTTTACACTTCTTCATGCCTGGTTTTGCCCGCTGACTAGC CGGGGTAGTCAACAATATCGTTCTCTACGGTCCCGAACTGACCAGCAGATGTTTGTATGCAAAAAATATGATGGCGGCTGCGACCCCGTCATGGCCGCTACCTTACGGTGCCCGCTATCTTCGCGGACGCATG TCCATGAAAGAGGTAGACGAACAGATGTTAAATGTTCAGAATAAGAAGTCTGAGCTACTTCGTTGAGTGGATCCCGAACAATGTCAAAACCGCGGTGTGCGATATTCGCGCTCGTGGTCTGAAAAAGAGTGAACCTTT ATCGGGAAGTCTACCGCGATCCAGGAGCTGTTTAAACGCGTCTCTGAACAGTTTACCGCGATGTTTCGTCGTAAGCATTCCTGCATTGGTATACTGGTGAGGGCATGGATGAAATGGAATTTACGGAAGCCGAGTCT AACATGAACGATCTTGTTAGTGAGTATCAACAATATCAGGATGCTACTGCGGAGGAAGAGGGGGAATTGGAAGAAGATTGGAAGAAGCGTAA
169	OON17064.1	1344	4610	ATGGGCCAAGGTTACGGCAAGTTGCTCCCGTATCTGGATGCCGGTCCCGAAAAATACCGAAGATAAACTGAAGAAAGCTTATAAACGCATTATCACAACGCTGGAGGTCCCAGTTAAATCGTCGATCGTGTGGAAACA GTTAGTTCTGGATCCCCGCAACGATCATAAAACCATGTGCGAGCTTACAGGAAGCGGTTAACTTCATTATGCGGGACGCGTGCAGAAACGAAACACTCTGATTATCACCGGCCAAGCGGATCAAGATCAGATCGTGT TGCAACGGCTTATTTATGGTGTTGTCGGCTTACCACCTCATTATGCAGACTTCGCTGTTTCAAACGCCGTTAAGGACTTGGGCTGAAAAATTAACAAGCCCTATATGAACGCTCTGAAACTGTTTCGCCGAAACCG GCAAAACAGCTGCGCAAGAGATGTTTAAAGCGGGTGCGAGTATTCTGTTCTCGCTGCTGTGTAAGATGTGTATCGTATCTATGAACCTGGCTGAGATCTCAAAACCGGACGGAATTCAGGTCAAACCTGGACGGTCC GCTTTCGGTTAATGAAGATGAAGGTACCTTTGGCTCACCGGCCGGTGCGGCGGTGACGCCACCTCTCCGAAAGCAATGGACAATCCGTGCAGAAGACGCCATCCTCGAATAGCAAGGCGGCTGTAGCGCGGAA CTGCTGAATATGGCAGTAGCGCCCCCACATATTCCTGATGTCGATGATAGCGCGGAACATATTTCTACGGATACCTTAGAGGATCTTAGCAGATCCGTTCTTCGTAGGCGAGGTGATTGAGGCAGAGCCTGTAT CCTTTATCCCTGAAATTAACCCGTAGACGAAACTCATAAACTGGTAGAACTCCGGCTCCGGAACCGTGACCATACCAACAAAGTTGGCGCGGGGCGAGCCGTAGAGATGATCCCCGGTCCGAAAAAGGGATC ATGCAGGAAGCCACCGCGCTCGTACCATTGCAAACGGTCTGAGCACGGCGGAACAGAAAGGTGACGTCCTGCTGAAAATTTATCGTCTGCTTTGAAAGTAAATCCGTGGAGAACACTTCATATGTTGGCGATCTG GATTATCAAGCCAGCCACAAGACTGAACATTCTATGGTGATGAATGGCGCAGTACTCCGGCAATCGCGGAAACCAACGTACGAAACGTAAAGTGAACATTATCCGTAGTCCAAAATCCAGCGAAGTGAGACTTGGC AAAGCGCGTAGATGCATATCTGGCTTCTACCACCGAAGAAGAACGTAATAAAAAATCGTAAACACGTGGTAATCATTTCGGGCCAATCCCCAAGCTAGTATGGCATGA
170	OON17605.1	1344	4610	ATGGCCCGTTTACGGAACGTTAATTACGCCTTCGGGCTATCACCGCAGTTGGCGCGGCTCATCGCGGCGAAATATAGCGGTGTTTATGTATCACAGAAAGCGTACATTCCGGGTGAAACGGATGCTGACCCGGCATT CCTGGAAAAATTTCCCCCACGACGGTCCAGTCTTTGAGGGCCAGGATGGCACCTGTTTGTTCGACGCGAATGCGATTGCCTATTATCTGGGGACGGATCAACTGCGCGGCGGACCTTTGGAGCACCTGGTGACCCA GTGGGTCAATTTTCGCCGACAACGCGATCTGCCCCGGTTGCGACGTGGGTGTATCCCTGCTGGGGGTGACGCAATATAACAAACAAAACAGGAGAAAGCTAAGAGTAATCTGCATGCGGTGCTGTCTTACCTGA ACAATTCCTGCGCACCGTGACTTTCTGGTCGGGATCGCAATTTCTCAGCGGGATATTACGGTTTTTACCACATTACATCCATTATTTACTCATGTTCTGGACGAAGCGGGACGTAACCGTATCCGCACGTCTGTGCGT TGGTATACCACCATCGCGAATCAGCCACACGTAAGTGAAGTTGTTGAAAAGACAGAGCTGTGCGTTAAAGAGGCGCAGTTTGATGCCAAAAAATACGCGGAAGTGCATCTCTAAAGACGCGAAACCGGAAAGCGAAGC CCGAAGCGAAGAAGCCAGCACAAGAAACCCGAGAAACCCAAACAGGAACTTGCGCACGAACCGAAGATGAAGAAGACACCCGAAGCGCGCTCTAAGAACCCGTTTGCAGCCTGCCGGATGGCAACTTCG ACATCGATGCGTTCAAACGTACTTACTCCAATGAAGACATTGAGAAAGTCGCGATTCCGTACTTTTGAATCACTTCGATCCGGAAACGCATAGTATCTGGTTTTGCAATACCGCTATCCGGAGGAGCTTGGTATGAT TTTTATGTCGTGCAATCTTATCGGCGGCATGCTGCAGCGTCTTGA AAAATGAACAAGTACGCTTTTGGATCCATGTGTATTTTCGGTGAAGACAAGAACTCTACTATTAGTGGCGTCTGTTTCTGGCGCGGCACGGG ACTGGCCTTCGAGCTGCATCCGATTACAGGTTGATTACGAAAGCTATACTTGGCGTAAATTAGACCCGGCGGCCGACGAAACCAAAGCGTTGGTCCATGACTATTTCTGCAGGAGTTCAAAGACAAACCTTTTAA CCAGGGCAAAATTTTCAAGCTGTTGCAATTGTGTTCTCGATATGAAATATAACATTGCTCGGACGCTGCGAAATTTTGGGTAGTGGCCTGCTGAACAAAGCCTAA
171	OON16927.1	1353	4619	GACACACCGGCGAACTGCACCTATGAGGACGCGCTGGACGTTGGTCCCTGAAAGTATGCCACACCCGAAGGACTGTTTACGAGTCTGATGTCGACCCGCTTAACTGACTGTATCTTTCCGCGGAGCCCCATGACGA ATTCAATTATCGATCTGCTGTATCCCAATCTGGCGGCGTCGGTAAAAGGTTATGGCACGACTGGGGCCTGGACCTTAATTTACAACCAAGGGTTCGAGGTGACCATCGCCCATCGTAAATGGCTCGTGATGTTTGATTTC GATGAAAGCGGTGCTACTTTTGAACCGTGGGCGCCACGGCTGGTCTCACGATTCACTCTGCGTCAGTGGTGGTGGTTTGAAGGCCAAAACTGTCCGCGCCAGTGAGCTCATCTCCGGCACCGAGCGAAACCGGT GGACTTTACTACTTTTCGCTACTCTGACACCCCTTACTTCGTAGATCATACTTCATCCAAAGCATCAATGAAGCCAAAACTCGTGGACCGCTGTTGCTACCCACATCTGGAGGAATTGACCTTCCGGGATTTGGCAC GCCTGACGGGCGGCGACAAATCACGTTTCAGTAAACCGATGTCACTGATTATCAGGCGAAAACTCACCTGAACCTCTTGAAGTTAGCCGTATCTGCCGGATGAGTTGATTGGCGTAAACAGTCCCCGAGTCCGG TCACTCCAGTCCGCAACCAAGGAGGATGTGGTTCTTGCTATGCAATTTGCTTCTGCCGACGCTTGAAGCGCGCATTGTTTGGTCTCGAAGTTTACGAGGAAACCAATCTGTCCCAAGGACGAGTGTGATTCGATTCGAG CCCCATTCTGAAGGCTGTGACGGAGGTTTCCCGTACTTGATCGCAGGCAATATGCGGAGGATTTTGGCATCCCCCTTGAAGCTGCGATCCGTACACGCGGTCAAAGCGGATAAATGTCCGACGAAACCGGGTT GCCGCCGGTACTATGCCACCAACTACCGGTACCTGGGGGGTACTATGGAGCGTCTCTGAACTGCTCATGCGTATGGAACCTGTGCATGGAGGTCCGTTCCCATTTGGCTTTGAGGTATATGATGATTTTATTCATTA TAAGTCAGGAGTCTATCGTCATACCAACATTGCGCATCCATTGAAACGTTTTGAGCCATTTGAACTGACCAATCATGCGGTGTTACTGGTGGCTATGGCTTCGACGAGGAATCAAACCTGCCGTACTGGATCGTTAA AACTCCTGGGGTACCGAGTGGGAGAGGGGGGCTTCTCCGCATTCTCCGCGGCTCGGACGAGTGTGCGGTAGAGAGCTGGGTGTTGTTTTCGACCTGTTCTGTGA

172	OON15490.1	1356	4622	ATGCGTGAATGCATTAGCCTGCATATTGGCCAATCTGGTGTGCAGGTGGGTAACGCCTGTTGGGAATTGTATTGCTTAGAACATGGTATCCAACCGGATGGTCAAATGCCCTCGGATAAAACGATTGGCGGCGGTGA TGACAGCTTCGAAACCTTTTTCTCGGAAACAGGCGCGGGTAACATGTGCCCCGCGCTGTTATGGTGGATTAGAACCGACCGTGGTTGATGAAGTGCGCAGTGGTACTTATCGCCAGCTCTTCCACCCGGAACAATT AATCACTGGCAAAGAAGATGCGGCCAATACTATGCGCGCGGGCACTATACCATCGGCAAGAAATGGTTGACCTGGTACTGGACCGCATTCGTAAACTGGCAGATCAATGTACTGGTTTACAAGGCTTCTGATCTT CCATAGCTTCGGCGGGGGTACGGGCTCGGGCTTACCCGCTTACTCTGGAACGCGTAAGCGTCGATTATGGCAAAAAGTCAAAATTCGAAATTTGCCGTCTACCCCTCACCCGAAATTAGCACCTGCGTAGTAGAACCC CTACAATAGTATTTTGAACGTGCACACAACCTCTGGAGCTTTCGGAGTGCGCCTTTATTATGGATAATGAAGCTATTTACGATGTGTGCCGTGCAATCTGGACATCGAGCGCCCGACGTACACAAACCTGAACGCCTG CTGGGACAAGTAGTTTCTTCTATCAGGTTTCTTTCGCTTCGATGGCGCCTGAATGTGGATCTGATGGAATTCAGACTAATCTGGTTCCGTACCCCGTATTCTACTATCCATTGTCCACCTATGCCCGGCCATTAAT GCTGAGAAAGCTTATCATGAACAATTAACCGTTGCTGAGATCAGGAATTCATGTTTCGAACCGGCGAATCAGCTGGTTAAATGTGATCCGCGTCACGGAATAATATGCGCTGTGCCTTCTGTATCGTGGGGATGTG GTGCCCAAAGACGTGAATGCCGTATCGTACTATTAAGTCAAAACGCACAATTCATTTGTTGACTGGTGTCCGACCGGGTTTAAAGTGGGTATCAACTACCAGCCGCCGACCGCGGTTCCCGGGGGTGACTTAGCA AAAGTCCAGCGCGCGGTCTGCATGTTATCCAATACCACCGCATTTGCGAAGCCTTTCACGCTCTAATCATAAATTTGATTAAATGTATGCGAAACGGCGTTCATCCATTGGTTTCGTTGGAGAAGGAATGGAAGAA GGCGAATTTTCTGAGGCTCGTGAGGACCTTTCGGCTCTGGAAAAAGACTACGAAGAAGTCGGCGCGGATAGTGTTGAAGGCGAAGAAGGAGAAGCCGAAGAAGAATACTAA
173	OON19238.1	1359	4625	ATGGCAAGTGGCCTGCGGGCAGAAAAATCTGGTTTCGCACGTGAAGTACAGGAGAAACTTAAAGGGAAATTTGATAATGTCCTGGCAGCCCGGACCCTGAAATGGATTGCGCTGCTGCCGGCCCCGGCAGGTATTCC GAATCATTTCACTGATGCAGTCCAAAAATCCCGGCAGATATTGAAACCGTCGGAATGGAAGACTATGCCAAGTACCTGAACGATGGTCTTGACTCGGCTATTTAATGGCTTGCTGAACCTTAAAGTTACCTCGCAA TTAGGTAGCGTTAAACCTGGCAATTGGCAGATAACCTGTGTTTGAACCTCACGTCGCGGATCGCATCGGTCAGTTTTACGTTTCCTGTCCGAATACGGTGTGGACGCGTCTAATCAATTCAGACCGACCAAT TATACGAGTCAACGAATCTGGTGCAGGTGGCCATCTGTCTGAGCCAACCTGGGAGTCGAAGCACAGACCAAACCGGATTTACAGGTCACCGGATTTTGGATGCAAAAACACCAAGAGCATCGCGTGAATTTACC GAAGAGCAGTTACGTGCCGGTTCAACCGTTACAGTACATGCTGACGAAGTTCCGAAACTGTCCAGTTTCAACCGCAGCTGGAAATCACGATTGGCACCGCGATGCAGATGGCCCTGTCTTCTGTGTCCAGGTGGAT GAATTCGTACGGGAACCGAACC GGTTTCCCGGCGTGAATTGCGCAGTACTTGTATAAGGTCATCGTCCATATGAATCCCGAACAACCGTTTTCGCGATTCTTTTACCCTCCCTACAAAAAGGTCCTCCAAAAA GCGCGCTCCTGGTGACACTACCGAAAAATCCGAAAAAGGTGGTGATCTTTGATCCAGACATGGAAGGTACCATTGGCCAGCGGATTCCACCTTCCCGTCTCTGTGCAAAATTTACCGTGATGATTAAGTTAGGTTGTCT GAAAAATTTTACCAAAGGTTTCTATCTGCACCGAAATATGAATACCGCGAACGGATCACGGTTGAAATCCTTGGCACCCACCCTGAATTTCTGATGCATTATAGCGAAAAGAAAGCGTCTGGCAACCTGCTGCTTAC GTCCATGAAACCGAAGAAGAAGAGGACGATCCGGTGTCTGTTGGAAGCTATTTTGTTCGCGCTCCCGAAGAAGAGACCAAAAAGCGGTGGGGTTGGGAAAGAAGATTGCGGTTACCGACGAAAAAGACGAC AGTGACGTTCAAGCCCTCTGCCGGAACACCGAGGAACTGCCGACCTGCTGTGAGCCGAACCTCCCGCGCCGCGTGGTGGAAGAACCGTCCGTGAGTACCAAATTAATAA
174	OON19532.1	1374	4640	ATGGTTGCGAAGGAGTTCATTGATTCTACAACCTATTGCGTATACCAATCGCGTGGCAATCGAGGATTTTGCTGACCAGCTTAATTTGTTACGTCATCTTATTCTTATTACCGCATTTTAATTAGCGCACGCCA ATACCTGTTAAACGCGATTAGTTGTTACATCCCTGTGAAACCGGCCGGAGAAAACTTTAACAACCTACCTGACCGATTATTGCTGGGTGCATGGCACCATCCCCCTGCGTGCCGACGAACGCACTCCGAGTACGGAAACA GCACTGGGATCTTTACGACGCGACGCGCCGCACTACTTACTATCAATGGGTGCCGTTTGTGCTTGGCCTCCAGTGATTTCTTTTACATCCCTCACATCGCTGGCAGGCGGTGTGTGCGCAGCGTAGCGGGGAGA TCTGTTTGCACTCGTCAAAAGCGCTGCGGAAGCGCCACCTCGGAACGCGGTGCGCGGGAAAAACAGGTGAAACGCGTTGCTGAATTTCTGGAAGATATGATTGATGGCCAGCGTGATTGTCATCGGCCATCGGCC GCCGCGTCTCGAACACCGCGCATGAAATGTGCGGTATCTGTGTGGTCTCAAAACGCCTCGGCACCTGTCTCGTGTTCCTACCTCGCGGTGAAAGTTCTGACCATTGTAACGCGCATCCTGCAAGTGATTTTGAT CCAGCGTTTTCTGGGTTTCTATGCGGACGGTTCGAGCGGACATAAAAGCATGGAGTTAGGTA AAAACCTACGACTCGGATGGCGCAGTTGTGGTTGTTCTAACGAAAACGAGAACCTCAATGGTTTCGGCTTTGGTCT GACGGTTGCCAACCATATTTCGGCAAGGCCGGGATTGGCCGGAGACCATTCTTCCCGCGCTTGCCTACTGCCGCGTGCCGGGTATCCGCCTTGTGGGTGTGAAAACACCTATACCGCACAGTGCGCATTGCCGAT CAACATGCTTAACGAGAAAATCTACATCTTTTTTGGTTCTGGATCATGTTTCTGATTGGCGCGTGTGTTTTGTCATTGTGTATCTGGTTGGTCCGATGGTGATCGCGCCGCGGCGCAAAGATTTTATTAACGTTTCT CCGTATTAAGGAGTACTGTCCCGTCAGGGCACGCAGATCGGTGCGCGGATCTGGACGACTTCATCGATGTATATCTGCGCCGATGGCGTCTTCTAGTCCGTATGTTAGCGTTAAACGCGGGTGAAGTAATCAC CGCAGAAATTGTCACCGTGTGTATAACAATTATGTGAACCATATTGAAGAACATGAAGCTACATCTTCGGTGGAAGATGAGAAAGCGGCATTGGCCAGCAAAGAAAACCCACCGAGCTATGTCTGA

175	OON20566.1	1374	4640	ATGTGTATTTCGTTCCGATGGGGAGGTAAGTAATTACGAAGGTCAACCTTCACAAGTCTGTTACACGGAAATTATCTTGGGCAGACGTCGTTTCGATTTTCCAATGGACCGTAACCTCTTAACATGTCCGATTAATGTTTT GTTTTCTGCTGGCGACGCTGTTTGGCTCCGGTGCCACCAAGGGACGCACCGCTTTAGAGATTGGCCAGACATTGCAGTTACGTGCGGATATGACCGAACATAACCTGAAGCCTGCGATGGAAGAAGTGAATAATGCTGT ATCGTGACCTTTACCACGAATTGCTGCGGAACAAACGGTGACTAATGATCGTCCGACCAACGTAATTAATAATTGCAAACGGTATCTTTCTGAAAGCCGGCTATGACGTGATACCTTTTTCAATTGGAGTGCCAGAA CGAATATTTTTCCAAGTTCTATCAATTGAACCTTCGAGGATAATGTAGAGGCGGCTCGCCGCATCAATAGTTGGGTGAACACCCGAGACCAAAGGGCTGATTTCCACAGCTGTTTCAGAATCCAGCGGAAATTCGCGCGGA CACACGTGTTGCGCTGGTGAACGTCTGACATTCAAAGACATGTGGCAGCGTATGTTCTTACCGGTTTCAGACTACCGTCGAAGGTTTCACCATGGTGAACGGTCGTGATCGACGTCCCGATGATGTCGATCACCGA AGAGCTGCCGTATCTGTACGATGCTTCACTGGGGATCGCGATGGTGCGCAAGTTCTTCAAAAAATGGCCGGTATTCATTTGTTGTTGTTATGCCGACCGATAAGACTGATATGACGGGTATGGAGAGCGTCTTAAGCGG CAGTTACCGCTGGGTGTCTTGGTGAAAAACAGGAAGATCGTCTGGTCTCGTTCAAATTACCTAAATTTAAATTGGAGAGCACCTTTTCTGATCGGTAGCCTGGAATCTATGGGCATTGTCGTCTGTTCCAGAAA GGAATGGCAGATATGACTGGTATTACCAATGCGGAAAACTGTATGTTAACTGATGAAACAAGCCAACTGTTAAAGTTGATGAAGCGGGCGTCGAAGCTGCGTCGCGCAGTGGTGGGTCTCGCGGTCCCATGT CTCTGGTACGGCCGGAAGTCATGTTTACGTAACTCCACCTTCGTTTGCAATTATTTATGATGAACAGCTTAAATGCCGATTTTTCGAAGCCGCATCTCTCGAAGCAAATGACGCGCTACTTCATTACCAAGCACTTC ACGCGTTGCTCTATCGTCTTATTATTGTTATATCTGTTACGTTTTGGTGGGAGGTTGTAATGATTACCAGATGGGTGTAGGGGATAAGGATATTCACCAAGAAATTCGGGGTGCTAAGCTGTAA
176	OON20807.1	1383	4649	ATGGTGCAGGAATTCAGTCATATTTGGCATGCCAGTAAACCTGGTGTGCGCCGCTGGGAACTGGATTGGGGGGGGGCGAGCACAGTCGGCCATCTCTGGTTGGACTGCTGATCATCTACCGTCTGGCGCTTTTGATT TTTTGTTTTCGGTTATCAAAGTTCGCAATCCACAGCAGACCGTTGCCTCTGTGGAGCATCTGCAGTCCGAAAGCCGTGTGTATCGTCGCGAAGAAAAACCATCCAAATTACAAGATAAGGCCCTGCTGGAACCACC TATAACACGTTGCAAACTCGGTTGCGCCTGAGCAAACGTCTGCCTACGTACCTCCGTTGATAAATACATCAGCGCGATTGGCGCGCTGGGACGAACTGGAAAAAGCCGACCGTACCTATGAAGAATGGCTCTTA GAAGAACTCCAGCGCGTGCGCCGTGTTGAATATCTGATTAAAAAGTTTGAATTCGTTGTTCTACCCACGAAAGCGTGGGCGCAAGGGCAAACCGCAGGCATTGTGAGGTGACGCCCATTTGAAGTGACGCTCCCGGA GCTGCGGGCGCTGATGAAGCGCATGAGGCGTTTCAAAGTGAAGTGGCCGCAACGACGATCGCGTGAACGTATCGGGGCTTGGCAGATGAGCTGGGGAGCCTGATTATTATGCGTAAAGTTGGTACGAGAGGC TGAATGCACTTCGATTGCCAGTGCCTCGGAAGTTCAGCGCCTGGTCCAGGATAATAAATTGTCCGGTATTATGGAAAACCCGTACACTAATATTAACCGGCGGAACCTACAGAACGCTGGGCGGTCAATAAGA TCTCGCAAAAAACGAGTGAATCCTGCGCGAGGAAGAGCTCCGTGAGTCAACAACGATAAACTGCGCCGCAATTTACCGAGAAGGCTACCGAATTTGATAAATGGTTACAGCAACAAAAGAGCAACCTGGCTC GCAATGCGATGGAGGCGCGTGGTTCGCTGGA AAAACAACGTGACGAGTTGAAGAATATGGAGGTCGAGATCGGCAAGCACAAAGCGTATGCTGGATGAAGTGGAGCAGTGTAAACCAAGCCCTGGAAGACGCTATG TTTTTGATAATCTGAATACCTCTTTATCCATGCCAACCTCGCGTGTGCCTGGGAACAGTTGTTTACCTCACTGCACCATTCAGTTAATGTTATTGAGAACCAGATTCTCACTCGTGATTCAAAGGCCCTGACCGTGAAC AAATGGCGGACCTCCGCACATGTTTTCCCACTTCGATAAAAAATGGCACCGGTGCTTTAGAGGCACCCGAATTTAAAGCATGTCTGTTAGCTTAGGCCATTCACTCGGTGACGATCCCGTGTTTGTGACGCTGTT TCAGTAA
177	OON23252.1	1392	4658	ACCACTGTTGCCCCAGAAACGCTGGGCAGTTCCACCAGCACTACTGGCATTCCAACCACTGAACGCACGGCAGGTGGTGTAGTCAACAATCTGTTCTCGAATACCGGAAACGAAGAGAACAGTCAACGCCGAAATC TAATATGACTACCGAAAAACGGCCGGCGGTATGCTTTTACGCCATCGGTGCGCATCAGCCAGGAGAGTCCAAGGTTGCGGGTCTGATTTATCTGGCAAACACTCGCTTGGAAGGTAGCGATGCCTGGGGGGTGGA ATGCCGAGCAAGCAGAGGCTGCTTGTGAGCGCATCGCTAACTACCAAGTGCAGAAACAGGGGGGTACGTAATTCATCTTCCGTTCCCTTCTCGAGCAATTTATTAGCTTTGAGCGGAAAACTAGTTTCGAGAAAAATGG TCGGCCACCTGCTTTCTGTGCTGGCTGACGCATTTACTGTCCCGCTGCCTAAAGGCTCTACTGGACCGGGGGGCGTCTGGTCCGCTACTCTGTGAATAACATGCACCAGAACACGCATAGCGATCACGTGATCCT GTCATGGACTGACGGTCGTACCGGAAACAGACATCCTTGGGATGACCAGCCAGGATCGCAAACAACTCCACGACGGCTACACTTATTGCCTTGCACTGGACCTGCGCGAGTCCACTTGGCAGGCCCGCGATTGTT CTGATCAGCTCCCGTACGCGTGCTTAATTACACCACGTCACTTCAGCTTTTGAACAAAGCGACGGTCCATTCTCAGCAGGTTGAGCATCTGCAACTACCCCAAGCGTTGAAACCACAATGACTACGCCGTCTACCACC GGTCCCATGAAAAGCACCCCGAGTTCTACTGTTCCCAAAAGCTTTGCGCGCGCCAGCAATGAAGTGAGCGTGGGAGCGACCTTGAAAAATGTTGTTACGACATCGACCGAGGAGATGAAAACAGAAAACGAAGAAG CCACCACGGTGACAGAACAGACGACGTCTGAGAAGAATCCACGACTGCGGAAGAATCTACCACGGCAGAAGAGACGACCACCACCGAAGAATCTACCACGGCGGAAGAAGAATCGACCACGGCGGAAGAAGCA CGACTTCGAAGAATCGCGGACCGCCGCGTGTCTTAAAGAAAGTGTGACGAGACAACCGAATCGCCGGTGATGACGACCTGAGCGCATGGAAGAACAACGAAAGCAGCGAGCCCTGAAAAATTATCCGTGCG TGGCAGTTCTGTTCTGGTTCGAACTTTAGCCAAGAAAAGATGGGCGAAAAGATCGAACCGTCAGAAGTGGTTAACAGCTGACGAGGAGTTACGACGGAAGCGGGGCTGGCAACAGAGGCGGGGTCTACCCATACC GACGAAGTCGAACGGGAATAA

178	OON22549.1	1392	4658	ATGCGCGAAATTGTTACATTCAGGCCGGCCAGTGCGGTAACGAGATTGGTTCGAAGTTTTGGGAAGTAATCAGTGACGAGCATGGGGTTGACCCGACGGGCAAGTACCACGGAGATAGTCCATTGCGACTTGAACGGATCAATGTCTATTTAACGAAGCGTCTGGGGGGAACCTACGTCCCGCGCGCCATTCTGGTTGACCTGGAACCGGGGACGATGGACAGTGTGCGTGCCGGCCCATTTGGCAAACCTGTTCCGCCCGACAATTTTGTCTTTGGGCAGTCAGGCGCTGGGAACAACCTGGGCGAAAGGTCACTACACTGAGGGTGCAGAACTGGTGGACAATGTGTTAGATGTTGTTTCGCAAAGAAGCAGAATCAACTGACTCGTTGCAGGGTTTTAGTTGACCCATAGCCTGGGCGGAGGGACAGGTTCTGGAATGGGAACGTTACTGATTTCCAAGATTTCGCGAAGAGTACCCGGATCGCATTATGAGTACTTTCTCAGTGGTGCCGAGCCCTAAGGTGAGTCGTGTATTCTATGTGTGTTTGCGCTCGATAGTCGCTCACTCGTTCATGTGGGTGTCCGATACCGTGGTTGAACCTTACAACGCCACATTAAGTGTGCACCAGTTAGTGAAAAATACAGACGAAACCTTTTGCAATTGATAACGAGGCGCTTTACGATATTGCTTTCTGACCCTGAAATTAACAAATCCGACGTATGGCGATTTGAATCATCTGGTTTCGGCTACCATGTCCGGAGTCACGACGTGCCTGCGCTTTCCCGGCCAACTGAACGCCGATCTTCGTAAGCTGGCAGTTAACA TGGTGCCTTTCCACGCTTCACTTCTTCATGCCGGGCTTCGCACCGTTGACGAGTCGGGGATCCCAACAGTACCGTGCCCTTACGGTGCGGAGTTGACCCAGCAGATGTTGATGCAAAAAACATGATGGCTGCCTGCGACCCGCGCCACGGCCGGTATTTGACGGTGGCGCGATGTTCCGTGGCCCTATGAGTATGAAGGAAGTGGACGAACAAATGCTTAACGTTCAAAAAAAAATAGTTCCTTTTTCTCGTAATGGATTCTTAATAACGTCAAACCGCCGTGTGTGATATTCTCCGCGCGGGCTGAAAAATGAGCAGTACCTTTATTGGCAACTCAACCGCAATTCAGAAATTAATTCGTGCGATTTCTGAGCAGTTACGCGCATGTTCAAAGTCAAGGCGTTCCTGCATTGGTATACAGGCGAAGGGATGGATGAGATGGAGTTTACCGAAGCGGAATCGAATATGAACGATCTGGTGTGAGAATACCAGCAGTATCAGGAGGCCACAGCCGATGATGGCGGAGAATTTGAGGAAGACGAAGAGGAACTCGCGTGA
179	OON15830.1	1407	4673	AAAAGTGAAGGAAGAGAATGATGTTGCGGTTTTGACGAAAGAGCATTTTGACCAGGTTCTCGACGAGTATCAGTATGTGATGGTGAAATTTTACGCGCCGTGGTGTGGTCATTGTAAAGCACTGCAACCGGATATGAGAAAGCAGCAGGTATCCTGAAGAGTAGTGATCTTGATGTCTTGTTGCGAAAGTTGACGCGACCGTTGAAACCGAGCTGGCGAGTGCAGTGGTGTGTCAGGTTATCCGACCCTGAAATTTTCGTAAAAACG GCAGCTGGATTTTCGTATAACGGCGAACGTACCCGCGGAAGCTATCGTGGACTGGATCAAAAATCGTTCACAGCCGGCGCTCCACGTGATGAACACCGTGCGCGAAGTGGAAGATTTTGTAAAGTACGCGGATGTGGT CGTTGTAGGCTTTATCAAAGACAGCGCGGGGACGCCTACCGCGTCTGGAGGAAATCGCCGACGAAATGGATGGGATTCCATTTGGCGTGATCGCATCCAGGATGCCTTTGATAAATACGGTGTCAAATCAGATA TTCTATCAGCCTTTCAAATCCTTCGATGAAGGCCGTGTTGACTTCGAGCATCCGGTGAAAAAAGGTACCTTAGTGAATTCATTCAAATGGAATCCATCAGTCTTGTTGTAGATTTTTCCAGGATGTGGCAGGTAAAGTGTTCGGGAGTCCCGTCCGCAACACTTGTTGCAATTTGTTCCGAAATCTGGCCCGATGGCGAGATGAAAAACAAAATGGAAACCGTCGCGAAAAAATTCAAAGGTCGCGTCCACTTTATCATTATTGATACAGAT ATCGCGGATCACCTGCGCATTTAGAAATTTTTGGAATGACAAAAGATGATGTTCCAGGCTATCGCCTGATTGATCTTGCGGATGATATGACCAAATTCAAACCGAGTAGCAACGAATTTGACGAGCATCTGATGGAA GCTTTCGTGATGGTGTGCTGAGCGGCTCGGTGCGTCCGTTCTTATGTCTCAGGATATTCGGAAGAGAGCAATGAACCGGTGCGTGTGTTAGTAGGTAAAAACTACAACGAAATCACGCAAGACCAATCGAAAGC AGTATTCTGAAACTCTATGCACCATGGTGTGGCCATTGTAAAAACTTGGCGCTATTTGGGAAAAAGTTGGTGAGGCGTATCGTGATCGCGACGATATTATCATTGCGAAAAATGGATGCGACCGTTAACGAGGCGG AGGGGCTGAAAGTACACTCTTTTCAACCTGAAATATTATGCGAAAGGCTCGAGTGAAGCCGTTGACTACAGCGGTGAACGCACCTGGAGGCGCTGAAAGAATTCTGCGATTCTGAAGGTAAATCTGGCACCGCA GGAAAAAGTAAAGAGCCAAAAGACGAACTGTAA
180	OON18177.1	1416	4682	ATGCTTTCGCGGATGATGCGTCGTGAATGTGCTGAAAAATCGCTGGGCTTATGACGAACCGCTTCCGGTCTCGCGTTTGCTGTGCGTGATCTCCCTTAAGATGCAAATCCCTACCCAGCGTTACGGCAACCGTCCATACG GTGCCGGGATGCTGGTAACCGGCTATGACGCGTTGGGCCCGCATGTTTATTACCTGTGCCCTAGCTCAAATGCCTACGATTGCAAAGCGATCGCCATCGGCTCCCGTTCTCAGTCGGCGCGCACATCTGGAACGTC ATCTGGAGGAAATTAGCGTGGCCTCTCTGGATGAGCTGATCTATCACGGCTGAAAGCGCTGTCTGGTACCCTGCCAACGAAGTCGAAATTAACCAAGAATTGTTCTTAGGTATTGTGGGCAAATCCTGCGATT TTACCATTATGAAGATGACAGTGTGGATAAAATTTTTAAAAATGTTTGAGGCGAAGCAACGCGAAGAACAAAGCCCCCGTCCGATACAAGTGTGTCGTCACCCCTATGGAACAGGACCAACCGCCTCTACTCAAT TATATAACTGGCATTTACCCCGAGTGATTTGACGCAACAGCGTCAGGAGTGAACGCAAAATGCGCGTAAACGTCTGAAGCAGCTGCCGCCCGCAACCGTGCCGAAGCGGTGCTGATCGATGACGGTGAAGATCAG CAGTTAGGGCTTGATCCAGACGAAGAATTTAGTATCGTTAAACATTACATTTATCTCATGAAAGCGTTGTTGATAAGTTCACGAACCCGCGTGTCCGAATGAAGTGTACGGTTTTGCAGCAACGTACCTTAAACGTT TCTATCTCCGCCACAGCGTATGGATTTTATCCGCGTGAAATGATGCTGACGTGTCTGTATGTTGCGTGCAAAGCCGCCGATTTCCGATCGGACTGCAGGCGTTCATTGCACATATCCCGGTAATCAGGAACGCTA CTCTTCTTTCATTATTAACAGTGAAGTGTCTTGTCTGAGTCACTTAACTACGATCTCTGGGTGTTTACGCCGTATCGTCCATTGATGGGGCTGATTATTGATTTACTGGCGTACCAAAAAACATATCCATGCCCTTTCTTC GAATAGCGCCTTTGACTGGTGCCCGATGAGAAAGCCATGGCACAAGAACTGCATCGCGAGGGCGTAGATCTGATTTTCATTGTGGTACCAGACCGATTTGTGTTTGACCGTGACCCGCTCTCAGTTTGCCTGGCGGT GCTGGTAGAACTCGGGTATACGCGTCTAGTTTAGACGTAGAGAGTTTTATTGCGACGAAATCTGCGGGTGCCATCCGATCCAAAAACCACTAAGCCGGAAGAGTGTGACGATGAAACGGATGACGAGGAAGAG GATGAAAACTCCAAAGTCACTGAAAAAATTGA

181	OON18828.1	1425	4691	CATGAACCACGCGAATTTACTGCTGACCAATTTGACACCCAGGTGAAGCAAAAAGAGTATACCTTGGTCATGTTTTACGCCCTTGGTGTGGCCACTGCAAACGCTGAAACCGGACTACGAAGCGGCCGCTAAAGTTTACATGTCATCGAAAGAGAATGTCCAGCTGGCACGTGTGGACTGCACGACTCAGGAGTCACTGTGTACGAAATTCGGGGTGGGTGGTTACCCGACCTGAAATTTTTCAAAAACGGTGATCTCGTATCAGATTACTCCGGTCCC CGACACAAGGATGGTTTGATTCTGTTTCATGAACCAACGGAGCCAACAGCCTCAAAATCGATCCTGAGCCCGGATAAAATTAAGAATTACTCGACAGCGAAGCGGCACCTCAACGAGCCAGTGGTGATCACCTATGCAAAATCGGAGACTGATGTCATGGCTGAAAACCTTTCACCGATCTGGCCGGTGAAATGCTGGATGACGTGATTTTTGGCCACGTCTTTGATCCTAGTCTTGCTGACCTTTCGGATTCAAACCGGGTTCGTCTGCTGCGCCCTAAGAACCTTCATACAAAATGGAGGAAAGTGACGTAAGCTACGATGGTGACCTGAGCGCGTCTGAACTGAAAACTGGATCATGAAACACGGCTTTGGTTTTGTTGGCTATCGCTCGCGTGAAAAATACAAAATTTTTCCACAGGATAACCTGCTGGTACTGTATAACAATATCTCTATTGCCAGCATCCGAAAGGGGTAAATTACTATCGGAATCGCTTAATCAAACCTGGCGAAGACCTTAGAAGATACCCCTCCTAAACTCACATACGCTTATAGTTACTCTGCCGACTTCTCGCATGAACTGGCCGATTAGGGCAGGAGTACGCCGAAGAATTTCCATTTGTGGCCATTTTAGCGCAGGCAAAAAGTACAAGCTGGGCAAAACGAACGAGGAGCTTTTGTA GAATTCGTTACCAAATTCAAATCGGGTGCACTGACGCCCTATCTTAAAGCGAACCATTCCGACTAAGCAGGACGGCCCGGCCATTAAAGCTGTGGCGTTAAACTTTGATGAAGTCGTGAATAATCCGCAAAAGGATGTGTTTATCATGTTCCACGCCCTTGGTGCGGCCACTGTAAACAGTTAATGCCGAAATTTGAAAGCCTGGCAACGACCTTAAAAAACGAGCCGACTTTGTCTTTGGTTGTTTATGACGCGACGGCGAATGACGTCCCCA GTCCGTTACCCGTAACAGGTTTTCCACGCTGATTTTTGTACCCAAAAACGCCAAAAATAACCCGAAAAGTTATGAAGGAAACCGCGAGGAAGAAGATTTGCTCAAATACCTTGCCAAGGAATCTACGGATGGCTTGGTTGGTTACGACGCCCAAGGCATGCCGAAACGCGAAGAGTTATAA
182	OON23371.1	1428	4694	ATGGTGATTATTGAAGCTGAATGCGGTTATTACCGCAAGCTGGTCTGCTACGCTGCGTGTCCGGGCCGTA CTGCGCAGCGCGAATGTATTTCCATCCATGTTGGGCAGGCGGGTGTGCAAATTGGTAATGCATGCTGG GAATTGTATTGCTGGAACACGGCATCCTGCCGGATGGGCAAATGCCCGATGGAACCGGCGTGGGCCACACGACGGGTACCACGATTGTTTTTCAGCCAATCCGGTAGCGGTAACAGGTCCCGCGTGCCGTATT TATTGATCTGGAACCGACAGTGATCGATGAGGTCCGCACCGGCACTTACCGCCAGCTGTTCCACCTGAGCAGATGATTACCGGGAAGAAGATGCCGTAACAACTATGCCCGCGGCCGTATACGATCGGGCGCG AATTTATCGACGCGGTTACGGATCGTGTCCGTAAGATGACCAATCAGTGCGACGGGTTACAGGGTTTCTTTGTTTTCTTCGTTTGGCGGAGGTACGGGTTCCGGCTTACAAGCTTACTGATGGAGAACTCAACG CGGAATATGGTAAGAAGAGTAAACTCGAATTCGCCGTGTACCCGGCACCGACCATCTCTACGTCTGTTGTGGAACCGTATAACAGCATTCTGACCACGCATACCACCTTGAACATTCAAATTCAGTTTTATGGTGG ACAATGAAGCAATCTACGACATCTGTAAGAGTAAACTGAATATTAGCTCACCGAGCTACATCAACCTGAACCGTCTCATCGCGCAGGTAGTTAGCAGCGTAACCGCGTCCCTGCGCTTCGGAGGTAGTCTGAACGTGG ACCTTAATGAGTTTCAGACGAACCTGGTTCCATATCCGCGCATCCACTTCCCTTGCCACCTATGCTCCAATTATTCGGCGGATAAAGCAGGCCACGAACAGTTATCGGTGAGCGAAATTACACAGCATGTTTTGAT CCGAGTTCAGATGGTCAAGTGCGACCCACGTTCCGGAAAAATACATCGCCTGCTGCCTGCTGATCTGTGGTGACGTAGTTTCGAAGATGCAATTGACACCATTAGCGTGATTAATAATAAGGCGCGGTGCAAGTTC GTGGATTGGGCGCCAGCCGTTTCAAACCTGGGGGTGAATAGCCAGCCGCTACGGCGGTGCGGGTGCGGATCTGGCTCAAGTTAAACGCGCCGTGTGCATGCTGTGCAATCTGACGGCCATTCTGTGAACCATGGC ACCGTCTTAACATAAAATTCGATCTGATGTTTGCGAAACGGGCCCTTTGTGCACTGGTACGTGCGAGAAGGCATGGAAGAAGGCGAATTTGTGCAAGCACGCGAAGACCTGGCAGCCCTTGAAAAAGATTACGAAGAA ATCGCAATGGATGAAGATCTTGATGATGAAGAGGCGACGGATACCTATTAA
183	OON13836.1	1473	4739	ATGAGCGGCCATTCCGGCAGCTCCCATTTACACCCGCCGCTCCGCTCGCGAGCAATTCAGCTCTTCGGTGACAGACTTACGCCACAGTGACGGCAGTTCTATTATAAACAACGCTTGCATTGCGAAGCCGACTCCA AAAGCACATTATCGTTGGCTAGCCGCTGTGGGCCGAGAAACAAGTAATTCGCATTCTGTGTTTCGGCCCGTCCCTCGCTACAACGAATGGAACCCCTGTATAACTTCACAGCTAAATATCCAAGTTTTATTGGCTGCG CAGTAGCTTAGGGCTTGAATTTGAAGGCATCGAACGCAACGCGGAGGCCCTCCTTTTAGCACCTTCGAGATTCTCTGAGCGAAGCGGGCTTACGCCGTCGCTCTCGCACATTAGACGAATGGGAGTTTAAGAA CAACATTCGTCGTCTCGAGTCAACCGTTTTCGGGGATCTCTCCGTACCGTGCGTATGAGAATGTGACCCAGACCCGTTTTCTCGACGTACGGCTCCACGTTATCTATCTACAGCGAAGCTGAAAGCTCTTAT ACACACGGCATTGCCGTGACAGGTGATCTGCGTCTGGATATTCACTATGACCACCAATCATCTACTCTGCGTATCGCTGTGAAGCAGGCTCGGGATCTCGCGGTTGAGATCGTAAACACATGTCCTGCAACCCGTAT GTTAAATCGTATTTACTCCCGGATAAAACCAAAGGTAGCAAACGCAAGACCTCTCACAAAAAGAAAAATCGCAACCCGGTTTTCGAAGAAGTATTCAAATATAGCATTCCGTATTCCGAATTGTTGGCGCGTACCTGCA AAATTGGGGTGTGGCATAAACTAGCTCTGGGACCAACCTGTTTCTCGGTGAAGTTATTATCCATTCACTGACTTTCAATTGCAAGCTGGACCTCAATGGTACCCGCTCTCGGAGCGCCGACCGTTAATCTGCCGGT GACAATGCAGATTGATCATGGGAGCTTGCTGCTTGCACTGAAGCTGATTCTGGTGCGACCTCCGGTAACCCGTGTGAGATCCATGTGTGGATTAAATCCGCGACGGGTCTGACCATTCAATTAGCAGCTCTAAGTC CACTACTGTGAACCCGTATGTCAAGATTACATGCTGCCTGATAAACCGGAAACATTCGAAACGCAAGACAAAGGTCTGCGTAAACCAATAATCCAGAATGGAACACCAATTTGTATATAACGATATTAACCGTAAC CAGCTGTGCAATATCGGCATCGAAGTAAGCGTGTGGGATCACGGTCGCTGAGCTCAAGTGACTTTCTGGGCGGTTGTCGTTGAACTCTGGCGCCCTGTATATGAAACAGCCGGCGACCATATGTATCCCTTTAAC ATGCTGCTGAAAGTTTTACATAGCGGCCAGTATTGTACCGCTGGCCTGCCGGTGACGCGTGAATTCGTCGGCAGTTACCGATGTAA

184	OON22988.1	1476	4742	GAAC TGGAGAAAATTCGGCTCGATTCGCATGGCAACTTTGTTGACCGCCATGGCCGCGTGATGTTATTTTCATGGTTTTAACGCCGTTACTAAAAATCCGCCCTGGTATCCGGAAGAAATGACGAACACCACTAAACTGAAACTGTGGCAGTCTCTGGGGTATTAACGTTGTACGTCTCGGTGTTATCTGGACCGCGTCATGCCGACGAAAGGGTATGTAGATAAAAACTACATGAAAAAATCCGGCAAATCATCGACCTGTGCGCGCAATATGATATCTATGTCTGATGGATATGCACCAAGATGCGCTGTCTCCGAATTTGGTATGTATGATGGCAATTCGCGCTGGCTGGTCGACGAAGCTTGAAAAACGCCATGGTGGCTGCAGTATCCCTGGCCGTAATGGTCTCGGCCACCGAACGTTACTGGTTTTAAAAACTATCTTACCTACTCGTGCGTTAACTGCGCTCAACAAATGATGAGAACACGAGCGGTATCTGGACTTACTGGGGTGACTACTGGGAAGAAGTCGCGAAAAACGTTTTGGCAACCGCAGCAATGTTATTGGTTACGAAGTATCAATGAACCGGTAACGGGTAATTTTTATAAGATCCTCGTCGTGCGCTCCCGGGTAACCGGATCCGTAATTTGACGCTGAGACCCTTATCTTTTATGAACCCCTGACCTACGCCATTTTTTCCGCTACAATTTTGGCAGTGGCACAGGCTTTAGTCGTGTCCCGGGCTCTCTTACCGACCCAGAGGCGCGCGTAAGTCCGTTCTCAGCTACCACTATTATTGCTGGTTATTTCAGTTGGCAAAC TTATCTCGCAACATGACTTTCATCGAACGTGCGATTGTGACATGTATCTCATCCCGCGAGCTTTGAGAATTCTGCCGTGCTGTCAAGCAGACCGGAGGCGGTCGTTTTCTGACCGAATTCGGTTTCTGTGCCACGACGGGAACCCCAATCTATCAACACCGTCGAGTGCTCGAACGTCTGAACCAGGCAGATAAGCATTTTCAGTCTGGGCATATTGGGATGGGAATTTCTTTGATGCAAGCGGCAATCCGATTCAAACTCATTGAAACGCGTTTTCCGCGCTACCCACTGCGTACGTTAGGCGCGCCGATTCTGTACAGCTTTGATCCGAGCACTGCGGACTTCTCATATAGCTTCCATTTGTCCAGTATTGAAACCAACAGGATCTGCTGGTCGCCGATATCTTCGTGCCCGTCCACATCCATTACCCATAAACATTAGTGCCACAGGTGCTGCCGACTTGGCTGAATGTAACGCTGGACGGTAATCATCTGAAAAGTGTTGCGCTGCTGGGACCAAGCAAACAGTTCAAAAGTTAGTGTGTCGATTAGTAAAAGTGTTGCCCTACCGGCCAAGCCATGTTCAACGTGCGTAGCGGTGTTTGGGTGCGTGCGTTAAGACCACGGATTAA
185	OON16463.1	1482	4748	CAGCCGATCTCTATCCTGTCCAGTGGCGCGGATGAAGAGAAAGCTGAAACGGCCCGTCTGAGTTCATTCTGTGGGCGCTATCGCAGTGGGCGACTTAATTAAGACACCTTGGGACCTAAAGGCATGGATAAGATCCTGCTTAGCTCTGGTGATTCTGTTGTGGTAACCAATGATGGTGCAACCATCTGAAGAGCATCGGGGTTGATAATCCTGCCGCGAAAATTCGGTCGAAATGTCAAAGTTCAAGACGATGAAGTTGGCGATGGCACAA CCTCAGTTGTCTGTGCTGGCGACAGAACTGCTGCGCGAAGGTGAACAGTTGATCGCGCGGAAACTCCATCCGCAAAACAATCATTAGGGTTGGCGCGAAGCCGCGCAGCTTGCGATTGAAGCGTTAGACTCCGTAGCG GTCGCCCACTGCAAAGAAGCCGTTGCGACCCACAGTGATGCCGATTTTCGTAGAAAATGTTAAATATTGCGCGCACGACCTTGTCAATAAGTTACTGACCCAGCATAAGGAACATTTGCAAAAACCTGCGGTAGAC GCGGTCTTGCCTGAAAGGCTCAGGTAACCTGGATGCGATTGAGTCTCGTACTTCCCGCTTGCCATGATTATCCAGAAACTGGGAGGCACCATGGGCGATTCTATCTGGATGAGGGCTTCTGTTGGATAAGCGG CCTGGTGTGAACCAACCAAAACGCGTCGAGAACGCACTGATTCTGATTGCGAACACTCCTATGGATGCAGATAAGATTAAAGTATTTGGCTCTAAAATCCAAGTAGATACTATCAGTAAGGTGGCTGAACTGGAAGTT GCAGAAAAGCAGAAAATGAAAGAAAAAGTCGACAAAATCTTAAACACAATTGCAATGTTTTATCAACCGCCAGCTGATTATAACTATCCAGAACAACTGTTACAGATGCGGGCGTGATGGCAATCGAACACGC CGACTTTGAAGGGGTGCAACGCCTTGCACTTGTTACCGGTGGCGAAATCGTGTGACATTGCACTACCGGAGAACACTAAGCTGGGCCATTGCAAAATTGATCGAGGAGATTACAATTGGCGAGGATAAACTCTTAC GCTTTAGCGGCGTGGCTCTCGGTGAAGCATGTACCATCGTACTTCTGTGCGCGACGAAATCCATCCTGGAGGAGGCAGAACGGAGCCTGCATGACGCGTTGTGCGTGCTGCGCCTGACCGTTCAAGACCCGCGTACG GTCTGCGGGGGCGGGGCGATGGAATGTGGATGGCAGAAAGCTGTGACTCAAGGGGCGGCAAGACGCCGGGAAAGTGAGCCTGGCCATGGAGGCCCTTGGGCGCGCCCTCCGTCGTCTGCCGTGACCAATTGCC GACAATGGCGGCTTTGATAGTGCCGATCTGGTCAGCCAAATTACGCGCATGCCATGCAACGGCCGCTCTTCTATGGGTCTGGGCGAATTCGCGTGCTGGAACAGAGTAA
186	OON20812.1	1485	4751	ATGACGGAAGGTAAGGGCGATCCCTGCCGGGTGGTTGAAGACTCATTGGTGGCGATTGAAGTTCCGCTCGACTCGTATTATGGCGCACAAACGGAGCGGAGTGCCTGTAACCTCAACATTTGTCTCCCGCAGGACAA AATTCCACTGAGCGTCGCTATGCGTTGGCCATGCTGAAAGAAATCGCCGCTGGTATTAATTGTGCAAAAAGTCGCATTAGCAGTGATGAAGCCACCGCCATCATCGGCGCCTGCCGTGAGGTTTATAGTGGAACCT TGATGACCAGTTCCTTTGTCAATCTGGCAGACCGGGTCAGGCACACAAACCAATGAATGTGAACGAAGTTGTTGCCAACCGTGCGACGAGCTGCTGTGCGGCTCACGTACAGGCCAGCCGCTATTATCCGA ATGATCATGTAAATTGCGGGCAGTCTAGTAATGATATTTTTCCGACCGCATGAACCTCTCGGTCTCACTTGAGACCGCTTGGAATACGATCCCTGCTGGAATCGTTGGTTGACGCAATCAACGCAAAAGCCAGCCA GTTTCGCGACGTGGTGAAGATTGGTCTGACGCACTTACAGGATGCTGTCCGATGACCTTCGGCCAGGAGCTGGGCTCGTTGCGCGCACGTCTGTCCAACACCATCGGTTTGATCCGTCAAGGTGTGAAGTCCATTG TAACCTGGCAGTGGGGGTACCGCGGTAGGCACAGGGTTAACTCCACGAAAGGGTTCGACCTGGAAATGTGCGACGGGGTTACAAAGCTCGTAGAAGAGACACTGCGCCAGCGGTACGGTGACACGGCCAACAA GTACATGAAATTAACGTTACACCGGCGGAAAAATAAATTTGCTGCGCTTGACAGTCTGATGATCTTTGCAAGTTAAGCTCATGCTTTAATCAAACCGCAACAATTCGTTCAAACCTGGCGGGCGCACTTCGCTCTGCTG AGTTCTGGCCAAAGCTGCGGCTGGGCGAACTGATTTTGCTCCTAACGAGCCTGGCTCGTCGATCATGCCCGGCAAAAGTGAATCCAACCCAGTGCGAAGCACTGCGCATGGTGTCCCTGCAAGGTGATGGGTAATCA TTTTACCACTAGTATGGCCGCGAGCTGGGTGAGTGCATTTGAATGTTTTAAACCACTTATCTGTGGCGAAAATGCTGCACTCCTGCCGCTGCTGCGTGATGACGCCATTAGTTTACGCGTAATTGTGTGGAAGGT CTTAGATCAATCACCGCGGGTGGAAGAATGTGCGTAACAGTCTGATGCTGGTGACGGCTCTGACGCCGATATCGGCTACGATAAGGCGGCCCGCTCGCTAAATACGCCAAAGAGAATTCCTGACCCCTTCG CGAGGCGGCCCTCAAATTGATATGGTTAGTGCCGAAGAATTTGACCGTGGTGGTGCCTGCTAGTATGGCATTTCGTTTTCCGAAGAAAATGAACAACAATAA

187	OON23283.1	1494	4760	GTGCTGAATTAGTATCTGAGGAACTGCAGAATTTGCGTAAGCAGTATGAATTCCTGATCAATCGCAGCTTACAGCTGAAAAATTCCAATCGGACCTGCAGGACAAAATCCGTGAGTACAAATCCTCAACAAAAAG ATGGTACGTGATCTGCAAGACCGGGAGGCGCTCCTGGAGAAAACGACGAAAGCCATGCCGTGAAAAAAAAACGCAGCGTCACCTGAGCGAACTTCAAGAAGAGCAGTCGCGGCTTGCGCGTGACTACGAGATT TGCGTCAATCCTACCAACGTAAAGAGCATCAGTTAGGCGGCTTGTCTCTGAACGTGCGGATCTGTACCGCCGGCTGGATGAAAGCGAATACGATAAAATTCGTGGAACGCCAGCTGGAGGCAAAAGCCGTTCT AAACGTCCTCCGGCGCATCAGATCTATTCTTCGCGCAATCAGCGTACCAAGACCCAGAGCGCCGATCGCCCTCGCGCGGAAGATGACACGTTTGTATCCGGCGCGGAGATGACCGAACAGCACCATCACACGATCCA GATTA AAAACCGGCAACCAGAGCTGGATGGTGAAATTACAAACCAGGTTGAAACTACAGAAAAACAGGAGCTTAACAATTACGAGTCTGCCGTGTGATGAAACCCAAACAGAAACAAAACCGCGGAAGTGACC CTGCCGGTTGACACACAACTGTCTCCCGATGATCATACTATTAAGTACCCCTGCCAGTGGATTCCGCAGACGCGACCACTAAAAGCCAGAAAGCGGGTGAGCGTGTCTTACCACCACCCGGTCCAACAGTCACCC TCATTGTATCAGCGTAACACTCGTCTGGATCGCCGAGTGGTACCGACTCCGCCGAAGAGGAGATTTTTCACTTACCACGTCTCCGTTGGTTAATCTTGGTTCCCATTTGGGAAGAATCACGCTATCGCAACTATCGCA CCACGTATTGGGTAAGCGTTTCAATAAGCGTGTGACGGATATGTACATGCCGCGTAGCCCGGTACGCTATGTGCGCGCTCCACGTCCTTCATCGGCATATGGGTTTACCCCGCGGTGCCACTGACCGCCGATTATG AAATCTACCGCAATCCGTTACCGAAGCGCTCTACTACCTCCCTCGGCCATCTGCCGCCACCACGCGTTGGGAGCGTGATTACGCCCGGTTTGAACGCCCGACTATTTCTCGGTACCAAACAGTATACCCGGAGACCCC TGACCCGTTTAAGTATGACACAATGCGGCCTACCCGCGCGGAAATCATGCAGCTCGAGGACGAGTTAAGCCGGCTGCAACGGGAAAAACGCAACTTGGAAGAAGCTTTGTACTACCACAACCTCTCACGCCATATTA AATCTTATCGCCGACGACGACCTGTTTATCGCCTTGTTCAAGTTAACAGCGACATCCGCAGCTTGCAATGCGCTTGACTACTGAAAGCGGTGCGTGTGCCATACTCTGTAA
188	OON16001.1	1497	4763	AGTTTCGCCATTTCCGCTAGTGGCTCAGAGAACACCGGTTCTGTGTATCGTATGTTTGTGTGTGCGCGCTGGGACGGCTGTCCCGCTTGTCTGATGTAGTTTCTCGCATGGTGGCTACGAAAGAGCATATCAACA TTGTTGTATTGGCCACGTTGATAGCGGGAAATCCACCACCCTGGTCATCTGATTACAAGTGTGGAGGGATTGATAAGCGCGCGATTGAGAAATTTGAAAAGGAGGCCGCGGAAATGGGCAAGGTTTCGTTTAA ATATGCTTGGGTGCTGGATAAATTGAAAGCAGAACGCGAACGCGGGATCACGATTGACATCGCGCTGTGGAATTTGAAACCGCAAAATACTTCGTGACCGTGATTGACGCTCCGGGTACCCGCGATTTTATTA ACATGATCACTGGTACTTCGACGGCAGATTGCGCTGTGCTGATTGTTGCGGCCGGCACGGGCGAATTCGAGGCGGGATTCTCTAAAGACGGCCAGACTCGCGAGCATGCCCTACTGGCCTATACCCCTTGGTGTGAAG CAACTGATTGTCGCGGTTAACAAAATGGACAGCACCCCGCCGTATAGTGAGGAACGCTTCAACGAGGTTGAAAAAACGTGTCTGCGTATGTAAAAAAATCGGCTATAATCCAAAACGGTACCATTCTGTGCC AATTAGTGGTTGGAATGGGGATAACATGTGGA AAAATCGGATAAGATGCCCTGTTCAAAGTTGAAAAGTTGAACGGAATCCGGGGAGGTGACAGGCGTTACCCTGTTTCAGGCCCTGGATTCCATCGACCCCTC CTTCCGTCGACGGATAAACCTCTGCGTTTACC GTTACAGGACGTGTACAAAATTTGGGGGATCGGCACAGTCCAGTTGGACGCGTCGAAACAGGCGTTATGAAACCTGGCATGGTCTTACTTTTGCGCCCTCAA ATATCAGCACGGAAGTGAAGAGTATCGAAATGCACCACGAATCGTTATCTGAAGCATTACCGGGCGACAATGTTGGCTTCAATGTCAAAAACATTTCTGTGAAAGATATTCCGCCGCGGCAACGTTGCCGGTGATTCAA AAACCGATCCGCCGAAGGCGGTTGAGAACTTTACGGCCAGGTTATTGTTTTAAATCACCCGGGTGAGATTAAGGCTGGTTATGCCCCAGTGCTGGATTGCCACACAGCACACATCGCATGCAAATTAACGAACTTG TGGA AAAATGATCGCCGCTCGGGTAAAGTCCTGGAAGATCATCTGCACATGTGAAAAGCGGTGATGCGGCCATTGTTATTATGACACCGTCTAAACCGATGTGCGTGGAATCTTTCGCCGACTATCCGCCGCTGG GCCGCTTCGCCGTGCGTGATATGAAACAGACAGTGGCCGTGGGAGTGATTAAGCTGTGGCTAAAAAGACTGAAGCGGCTAAAGCGACTAAAAGCGCCAAAAAGTCGCCAAAAAAAATGA
189	OON23885.1	1539	4805	ATGGAGTGTTAGCTGCCACCCGCCGTGGCTTATCATTGGAGCGACGGTCGTAATTGCGATTAGCGCGGTTGCGCTGATTATCGTGCGGTCTTGATGCGCTGGCGTCAATGTGGGCTGATGCACGCGGTTGTC TTAGATGCGGGTTCTACGTCCACTAAATTGAACCTGTATGAGTGGGTGGATGATCCGTTTCGCACTAATGCTCAGGTTAAGCAGATTGCTGATAGTCGCTCCGCCCGGCATCAGCGCCTTCGTGATCAACCGTTG AGGCCTACAAAAAAGTGGAGGAACCTTTGAAAGCTCTCGTGCGAACTTATCTGAGGAAGAACGCAAAAAACGCCAGTTTACCTGGCAGCGACTGCCGGAATGCGTCTTAACTGCTGGAAGACCCTCTGGGTAGC CTGGACCTGTTTGACAAACTGCGTCGTGGTCTGTTAACTAGCGGGTTGAGTGTTAGGTCCCGAACGAACGGATCCGCTTGTATCCGGCGCCGAAGAAGGGCTCTTCGGTTGGATTACCGTCAACAACATTTGAAT CTGATCACGACCGATGTGCAAGTGTCAAGCGACCGTACGGTCGGCAGCTTAGATTAGGCGGAGCCTCTACGCAGATTGCCCTTGTTCATCACCCGTGCCACCACGCTGGAGAAAACCGCAGATATGTTCCGCTG AAACTGTTCCGGTGCCAGTACGATGTGTATAGCACTCTTTTTGTGTTACGGCAAAAATGAAGCGGAGCGTCGCTTATGGGTGCGGCCATTGGGAGTAGCATGGGCAGTGAAATCTGCACCCGTGTCTGCTGAG TGGTTACCTGTCTGGAGAAATGGACCCAGATAAGATTTTTTCAGGCCCGTGATGAGCGGCAGCTATGCGAACAAGATTTTTGGCAAGAATAACACAAACCGCCGCACTTACTAAATTCAAATTAAGGGTACAGG TAATCTGGATACCTGTAAAGATTTGATCAGCAAGCAGTTTAAAAAAGACAACCTGCACAATCCCGCGGTAGTTTTAAACAACGCTCTCCAGCCGCCCGTGGTTGGTGAGTTCCTGTCATACGCAGGCTTCTCGTATGTG GCAAAATACTTATTCTCAAGTCGTAGCACGGGCATTAGCAAAACGGAATTTGGCGAAAAGGTGAAAGAATTTGCACCAACCGTGGCAGACCATTGCTGCGAAAACCCACCAGAAGAGCAAGAGAGTGTGCAA AATATTGCTTCGATGGAGTTTTGTCTCCGTTCTGCTGCAAAAATTATGTTTTACCGAAGATGAGGAATGGAAGAAAAATTACGTTTGGCGCAAAAATCGAAGGCACGACCGTGTGCTGGGCTTGGGTTACATGTTGG ACCACTGCTGTTTTCTTGGCGTCTGAGAGTCCACCGATCAATATGCCAGTCACCTTGTTCGCGGGGCTCGCCGCGTGTGCGCTCGATGCTCATCTGGCAGTCGTTATGCTGGTGTGCTGCTCTGTGGCTGCATTAA AACCGGAGAACGGTTTGAATAA

190	OON18049.1	1563	4829	ATGCCTCGTCTCCTGTCAACTTCAAGTCAGCTGCGCGCGGGCACCCAGAAATTTAGCAGTATCTTGGAAGAACGTATTTGGGGCAAACCGTGCAAACAAATTTAGAGGAAACCGGTGCGTCTGTCCATTGGCGACGGCATCGCGGGGTATACGGCCTTAAAAATATCCAAGCAGAGGAAATGGTCGAATTTTCAAGCGGTTTAAAGGCATGGCTCTGAACCTAGAAGCGGATAACGTGGGCGTGGTTGTATTTCGGTAATGACAAATTAATCAAAGAAGCGATGTGGTTAAGCGCGCTGGGGCCATTGTAGACGTACCGGTTGGAGAAGAACTTCTGGGACGCGTTGTGGATGCATTAGGAACCCCGATTGACGGACTCGGTGCCATTAATACCAAAGCCCGCCAGCGCGTAGGTGTCAAAGCCCTGGTATTATCCCGCATCTCTGTCCGTGAACCGATGCAAACGGGGATTAAAGCAGTCGACAGCCTGGTGCCTATTGGTCGCGGTCAACGCGAGCTGATCATCGGTGATCGCCAGACGGTAAAAACAGCGATTGCCATTGACACAATCATTAATCAGAAGCGTTTTAACGAATCTGCGGACGAAAAAAGAACTTTACTGCATCTACGTGGCCATCGGCCAAAAACGAGTACGGTGGCGCAGTTGGTGAAGCGGCTGACGGATGCGGACGCGATGAAGTACACCATTATCGTGTGCGGACGCGCTCCGATGCGGCGCGCTGCAGTACCTCGGCCATATAGCGGTTGCGCGATGGGCGAATACTTTCGCGATAACGGTAAACATGCCCTTATCATTTATGACGACTTGAGTAAGCAAGCAGTAGCCTATCGTCAAATGTCGCTGCTGCTGCGTCGGCCGCCGGGCCGCGAAGCGTATCCTGGCGATGTCTTCTACCTTCATAGCCGTCTGCTGGAACGCGCCGCGAAAATGAACGACGCATACGGTGGTGGTTCACTGACTGCCCTCCGGTAATTGAGACACAGGCAGGAGATGTGAGCGCGTACATTCACCAATGTTATTTCAATTACCGACGGCCAGATCTTCTGGAGACCGAGCTTTCCATAAAGGAATCCGTCCGGCAATTAATGTTGGCCTGTCGGTCAGCCGCGTGGGCTCGGCAGCCAGACCAAAGCCATGAAACAAGTAGCTGGGCGTATGAAGTTGGAGCTGGCGCAGTATCGTGAAGTTGCGGCATTTCGCACAATTTGGCAGCGACTTAGATGCAGCGACTCAGCTTCAATTAACCGTGGGGTTGCTTTGACCGAATTATTGAAACAAGGACAATATGTTCTATGGCCATTGAGCAGCAAGTTGTTGTGATCTATGCAGGTGTCCGTGGCTATTTAGATAAATGGATCCAAGTAAGATTACGCAATTTGAACAAGATTTTTGAAATTTGTGTTAGCGAATCATCAAGATCTCTGAAAACCTATTTCGGGAAGAGGGTGAGCTTAAGCCAGCCACGGACGAGAACTGAAAAAATTGTCCTGGACTTCCTTGCCGGCTACCGCCGTAA
191	OON18176.1	1566	4832	ATGGCAAAGAAGATAACGCTGTTGGAAGTCGTCCATGGGTATCAGCAAAAAGCGCTCCAATAACCCGACGCTCCGTTTAAATCAAATGAACCGCCCGGAGGCGAGTGTAGTCTTACCCTGGGGTTCCTGTTGCCATCCTGTATCCCTTGCTTTTCCCGTGTTTGCCATTTTGATTTCGGAAGTCTATGACGGCTACTTTTTTGGCGTGCGCGGAGAACGGCTGATTAACGCATTTCGGGGACTCCTGTTTCGAGTCGATCCTGCAACAGGAAGTAGCCTGGTTTGACAGTCGTGAACATCAGCCCGGGTACCTCACTGCTCTGCTTGCGACCGAAGCAACCAAAGTGAGCAAATTTACGGGCGCGCCTTTCTAGCGTCTGGAAGCGATCCTGATCATACCCTGAGCTTGGCCGTGGCGCTGTATTACAACCTGGCAAGTCACGCTGGTCATGCTCAGTTTCTTCCAATGCTCGCAGCCGGGAATGCCCTGCAGACTAAGATGTTTGGGCGAGGCCAAGGATACCTTTCAGGACTCTAAAGCAATCCAGATTGCGCAGGAAGCTTCAAAGGCAACCGCACGGTGACTTCTTTGCGCTTGAAGACTTCTATAATGATCAGTTTGTTAAGTCATCCCGTTCGTATCTGCGCGCATTTCTGGTGATCAATTTGCGAGTCAGGCAATTGGACGTCTCGGCTTTACCGCCACTGACGCGAAACAGGTGAGCGAAGCGGTGCAAAAAGATCCTGCATATCGTTGATCGCGTCCCTCGCATTATCCTGAATGCGGGCGATATCCGCTGAGCCATTTAAAGGTCTGTGTGCA GTTTGCGCCGCTTCATTTTCGCTATCCAACGCGTCTGAAGTGAATAATTTAACGAGCTTCTCCACGATGTGGAGCAGGGCAAGAAAGTGGCGCTGGTGGGCCAGAGTGTTGCGGGAAAAGCACGCTGCTGCAAC TGGTACAGCGCTTCTACGAACCTGATGACCATGGCCCAACAGTGGTATTTTTTTGACGGTATGAATATCCGTGATCTGGCACCGTGTTGGATCCGTGAGCAAAATCGCGATTGTCAGCCAGGAACCTACGCTGTTTAA CATGAGTATCCGCGAAAATATCGCATATGGCGACAACACGCGTATTGTGAGCATGGATGAAATTATCGAAGCTGCGCGTACAGCTAACATCCATGAATTTATTATGTCTTTACCCGAGGGTTACGAAACCTGGCTGG CGAAGGTGGATCACAGCTGTCTGGGGTTCAGAAACAGCGTATTGCGATTGCTCGGGCTGATTCTGTCGTCGCGTACTGCTTCTGCTGGATGAAGCTACGAGCGCACTGGATACTGAAACGAACGCTGGTGCAGG AAGCATTAGATGCAGCTATGGAACCGTACCTCGATCGTTGTGCGCATCGCCTGACTACTGTCGAAAATACCGATGAAATCGTGGTGATCGAAAACGGGCGCAAAATTGAGTGCGGATCGCCCGATGAACTGCTC GCGGCAAAAGGTGCATTCCACGCACTGCACCACGCGGAAGCCAGTTGA
192	OON16694.1	1569	4835	ATGAAGAGTTTGCGACCGTCTTCTCTGTGGCCAACTTCTGCGTCCGAACGTCGCGCATACCGCGTACGTAAAACCGTGCGCGTTTCTAACTTTATTAACGGTCGGGGCTTCGCGAGCTCAAGCGCGGCTCGGCGACGCCAGTGCGGGTCCATCTACTGGCCGCGTATTGCTGTAATTGGCGCCGTGGTAGATGTGCAGTTCGACGAAAACTCCACCGATCCTGAATGCACTGGAAGTTAAGGGTCGACCCCGCGCTCATTTTAGAAATTGCCAGCATTTGGGTGAGAATACCGTCCGCACTATTGCGATGGACGGTACTGAAGGCCTGGTTCGGGGTCAGGAATGTGTTGACACCGGAGGACCGATTACGATTCGGTTCGGCCAGAACTCTCGGCCGCAT TATGAACGTTATTGGCGAACCTATCGACGAGCGCGGCCAATTTCTACGAAAATGAAGTCAGGTATCCACCAAGACGCGCCCGCTTTATCGAGATGTCTACCGAGCAGGAAATTTAGAACTGGCATCAAGGTTGT CGATCTGCTGGCGCCATATGTGAAGGGAGGCAAAATCGGCCCTTTTGGTGAGCTGGCGTTGGTAAAACGGTGCTTATTATGGAGCTCATTAAACAATATCGCGCGGGCGCATGGCGGCTACTCGGTATTCGCCGGCG TAGGGGAGCGTACTCGTGAAGGAAATGACCTGTATCATGAAATGATCACCCTGGAGTTATTGATTTGAAAGGAGGCAATAGTAAAGTATCTCTGGTATATGTCAGATGAACGAACCGCCGGGTGCGCGCGCGCG CGTGCGGTTGACTGGCCTTACAGTTGCAGAGTATTTTCGCGATCAGGAGGGCCAGGATGTGCTCCTCTTCATCGACAACATCTTTCGTTTTACGCAAGCGGGATCGGAAGTGAGTGCCCTCCTTGGCCGATTCCGAG CGCTGTGGGTTATCAGCCAACGCTGGCCACAGATATGGGAACCATGCAGGAACGCATTACCAGCACAAAAAGGTTGATTACCTCGGTTCAAGCAATTTATGTGCCGGCTGATGATCTGACGGATCCGGCCCCGG CGACGACCTTTGCCATTTGGATGCCACCACGGTGCTGTGCGCGCAATTGCGGAACCTGGGCATTTACCAGCAGTTGACCCGTTGGACAGCAACTCGCGTATCCTGGACCCCAATATTGTTGGCCACGAGCACTACA GCGTCGCGCGCGGCTGCAAAAAATTTGCAGGACCATCGCAGTTTACAGGATATTATTGCCATTCTGGGAATGGATGAGCTTTCAGAGGAGGATCGCTTAACGGTGGCACGCGCGCGCAAAATTAACGCTTCTC AGTCAACCGTTCCAGGTGGCGGAAGTCTTTATTGGCGTGAAGGTAAGCTGGTAAGCTGAAAGATAGCATCAAAGGATTCAAATGATTATCAACGGCGAACTGGACCACATTCGGAAGCTGCGTTTTTATGGT CGGCGGAATCGAAGATGTCTGGA AAAAGCGGAACAATTAGCGCGGGAATCGGCCTAA

193	OON23370.1	1575	4841	ATGCCTCTTGATTACTAAAGGCTCCGGTTCTTAACGGCTCCCCTGGCCGGTATTTGTCTGGCATTGGCAGAGCGATGAAGCCGAAATTTAACCTCTACGACCCAGACTGACGGTGACGCCAAATTGACCTGGAGCCGACTCCGCTAAAAAACCGAATCAGACGAAACACAACGCCGCGCTGCTGGTTACAGTTGTTATTAGTAGTTGCCTGACAGAGCGTGAATGCATTTCAGTTTCATGTGGGCCAAGCGGGCGTTCAAATGGGGAATTCCTGTTGGGAATTATATTGTGTCGAACATGGGATTCAACCGGACGGTACCATGCCAAGCGATTCTGTTGGTATCTGTGATGGTAGTTTTAACACGTTTTTCAGCGAGACGTCCAGCGGCCGTATGTGCCACGCGTCGTGTTTCGTGGATCTGGAACCCACCGTGATCGATGAAGTTCGCACCGGGGCGTATCGCCAACCTGTATACCCAGAACTGATCAACGGTAAAGAGGACGCGGCCGAACAACATATGCGCGGGGCCATTACACAATC GGTCGTGAATTCATTGATGGTGTGTAGATCGCATCCGCAAGATGACCGACCAAGTGTCCGGTTTACAGGGCTTTTTGGTTTTTCACTCTTTTGGGGGTGGCACTGGTCCGGTTTCACTTCGCTCTTGATGGAAAACTGTCAATCGAATATGGTAAAAAGAGCAAATTAGAATTCGCTGTCTATCCTGCCCGGAAATCTCAACCTCCGTGGTGGAGCCCTATAACAGCATCCTTACCACCCACACCACACTCGACCACTCGGATTGTGCGTTCATG GTGGACAATGAAGCTATTTATGACATCAGCAAACGCAATCTGGGAATTGCCCGGCCGTATATACGAACCTGAATCGTCTTATCGCTCAGTTCGATTCAGTATTACCGCGTCTTACGTTTCGATGGGTCACTCAATGTAGACCTGACCGAGTTCAGACGAATTTGGTGCCCTACCCGCGCATTCACTTCCGCTCGCGACTTATGCGCCGATCATTAGCGCAGAGAAGGCCCTACCAGAGCAACTGAATGTGTCCGAAATCACTCATGCTTGCTTCGATCCATCGAACCAGATGGTTAAATGCGACCCGCGGAAAGGCAAATATATTGCGTGTGTTTGTGTATCGTGGCGATGTGGTGAGTAAGGACGTAACCGACACCATTAGTTCTATCAAGAGCCGTGGTAGCGTTCAATTTGTGGAATGGTGTCCGACAGGGTTCAAAGTCGGCATCAACTCGCAACCTCCATCTGTAGTACCGGGTGGCGATCTGGCCAAAGTCAAACGTGCCTTGTGCATGCTGTCTAACATCACGGCAATTCGCGAAGCGTGGCAGCGTCTGAATCATAAATTCGATCTGATGTTTGCGAACGCGCGTTCGTTTATTGGTACGTAGGCGAAGGGATGGAGGAAGGGGAATTTAATGAAGCGCGGAGAATTTGGCGGCGTGGAGAAAGATTATGAGGAGATCGAAATGGAGGCCAATGATGATGAAAAACGGGAAGATGCGGAATACTAA
194	OON18703.1	1602	4868	ATGAGTAGCGCTCGTTGGCTTATGGCCTTTTGTCTAAAACTACGCAACTTGGGTGCACCCGCTGAGCACTCCTTATTCACCGTCTCTGAGTAACTACAGCACTGAGGCGGATGATATCCGTTCCATGTTATGGTTGAAGGCTTTTTTAGTAAAGCCAGTGCGATGGTCGAACGCAAGCTGATTAAGGAGCTGAAAGTGCGTCTGCCAGAATATGAAAAATCCAAATCGTGAAAGGTACCCTGGGTATTCTGAAACCATGTTCCGCGTCTTTGAAGTCAACCTGCCGTTCCGCCGTGATGATGGCACTTCGAGATGGTGCAGGGGTTTCGTGCACAGCACTCAGTTCACCGCCGTCGACGAAGGGTGAATCCGCTATTCCCTGGATGTGAATCGTGGTGAAGTTATGGCTCTGGCTCCTTAATGACCTTTAAATGTGCTGTAGTCGATGTGCCGTTTCGTGGAGCAAAGCGGGTCTTTGTATTGACCACGCGCATTATCCGTGAATGAAATCGAACGCTGACGCGCCGCTTTGCGTTGGA GCTGAGTAAGCATGGTTTTTTAGGGCCCGGTACCGATGTGCCGGCACCGGACATGGGAACGGGAGAGCGCGAAATGTCCTGGTTTGCCGACAGTATGCGTCGACCTTGGGCCATTTCGACATGCATGCGCATGCGCTGCGTTACCGGAAAGCCGATTAGTATGGGCGGGATCCATGGCCGGATCTCAGCAACGGGTCTGGGGTCTATCACGGCATTGATAATTTCTGTCCAATACCAATATGCGAACACCATCGGTCTGACTCCGGGGCTGAAAGGAAAAACCTTCATCATCCAGGGCTTTGGGAACGTGGGCTGCACACCATGCGCTACCTGGATCGCGCCGGTGCTAAATGCATTGGAGTTGCCGAAATTGACGGCCAAATCTATAATCCGTCTGGCATCGACCCA CGGGAGCTCGAAGATTGGAACCTGGAGCACGGTACCATCTGTGGTTTTCCCAAAAGCTGATGCATATACAAAGACAGCCTGCTGCATGCAGAATGCACATCTTGTTTCCGTGCGCGAATGAAAAACAGATTCATGGCGGAAATGCAGACAAATCCGTGCAAAACTCATTGCGGAAGGCGCAATGGTCTACTACTCCGACGGCGGACCAATTTCTGCGGGACAAAAATAAACTGGTCATTCCGGATCTGTATCTGAACGCCGGAGGCGTCA CCGTGTCTGATTTTGAATGGTTAAAGAATCTCAACCACGTCTCGTACGGGCGCTTGACTTTCAAGTACGAGCGTGATAGCAATTAATCTGTTGGACTCGGTGCGCGAATCCTTGGAGAAAAAATTTGGCCAGAGCATCCCCATCGCGCCTTCGGAAGAGTTTCAACGTCGTATTGCCGGAGCTTCGGAGCGTGACATCGTTACAGCGGCCTGGAATATACGATGGAACGCTCGGCTAAACGCATTATGAACATTGCGGAAACCTACAACCTTAGGGCTGATATTCGGACAGCGGCTTACATTTCCGGCTATCGAAAAATCTTTAATGTTTATCTGGAGGCGGATTCTGTGTTCTGCTAA
195	OON19150.1	1629	4895	ATGGGGGATTATCGCCGTGTTGTGTATCCTACGAATAGCAAAGGCCAGGTATGCGGTCTGACGTGCCGCCGTTCTGTACTTTTTGACTTATCGCTGTGTCTGCGGATGGCGCCCGTGCGGTGTTTACGGGTTGTCCAACCCCCAGGTTTGCCTTAGTAGCTGCCCGATTATTACTGGTCATGGAAAAGCCCATATAACACCCCTAATCCGTTGTCCGCTCTGTGAATTTATGATTGCTGGACGGTAAAAACGCCACCGATCCCGAGTTCTTTCATGTGCCCATTGATGACCTGGTTTCGTACGCGCAAGTGTGCACCATACACCTTTAACTCGAAACCGGTATTCGGTCTGTATGCCATCGCAGATTAACCGCTTATTGTCTAATGGGACAGGCAAGATTTATGACAGCGCGGGCCAGCAGATCGTCTGACGGATAGCCAGGATAAACCGCGTAAGCGGCGTATCAGTGGTACGCGGTGCGGATACTATTATGCACCTTACCAGCGCTTCGAAAAAATGCAAGTGATTTGGCGGTGTCGTGGCCACCATCTGATTTGCTGTGCGTTTCAATCGTGCTTAGCTTTGTGTGGATTGTACACTCCGTTGCTGCGCGGCGTGATGGTATGGTGCAGCCTGATTCTGTCTGTTTGTATTACGGCGTCTGCGGGCTTTTGCTTCTACCGGTGGCACTATTTACGTAATACCGCCGAAGAAATTCGAGCGAACTGACTTTTGATTTGACGTTGATTTTCGCAGCGCTAGTTTGGTGGCGTTCGGTATTATTTCCGCCATCATCTTGTATTATTGTTTAGTGCTTATTTTCTCCGGGATCGGATCCGGATTGCCATTGCCATCATGAATGAAGCGTCCAAAGCACTGATTACATGACTTCGGTGTTCTTCTGGCCTTTACTGCCGCTTGCTGCTGAATTTTTAGTCATTGCCCAG GTTCTGTTTGTTCGATTAGTTTACGTTGATCAGCGATCCTGTATGGTACAGGATTGCAACAATCAGACCTGCCACCGCTCTCGAGCGAAGAAAAAGCCCGTAAAGATTGCAAGATTCTTTAACTGATTCCGTGCGACCCGTTAACTAATAGCAGCGCGGGTAAGGCCTGTCGCTTTCTGTAATATGGCGATCGTAAATATACCATTTTTCTGCAGTTATTCAATGTCTTCATGTTCTTGGCTCGTGAATTCGTGCGTAGTCTGGCAGAGATGACACTGGCGGGCACATTTGCTCATTTCTATTATAGCCGTAGCGACCCGAACGCGATGCCGAAGTGCCCGCTGCTGCAGTCTTCTATCGCGCTGCGGTTTTTACATTGGGTCTCTGGCCCTTGGGAGTCTGCTGCTGGCCTTGTTCAGTGGCTGCGTCTTTACTGGAATATCTTGACGCAAAGCTGAAGAAATTCGACAATGGTTGTACCCGCACTGCAGCCGCTGTTGCTGTTGCTTCTGTGGTGCCTGGAACGCTTTATCCGTTTCTGTAACCGCAATGCCTTCATTATGAGCGTACGTGGCGTCAAAGTTATCGTCTCCCTCCATCCGGTGGCAAGCGTGCCTGATGCCACCAAGTGGTAA

196	OON20109.1	1641	4907	CATCAAAGTAGCCGCGAAGGAGAACACGAGGATTATCATACAGCACACGGTGGTGGTTCTTCTCTTTGCTGTTCCGGGCCAACCAACCTGGCGAGTCGAACGGTCATGGCGGTGGTACTGTAATGAACCCGACGCA TCACAACGACCACCACAAATGCGGACACAACAAACCGAAATTAAGCCAGATCCGAAAAATCTGGCCGTGATTTTGACGATTGAATATCTGCCGCCGAGGTGTGTACCAAAATTGCAATTTGGTCTGAACAAAGAGA AAACCGCGGTTCAATATGAAGAGGTATTAATTCTGTTACCGTCGTCGATTCGCGATTCTGCCACACTGGCAGAACACACCGCTCTGACCAGTCACTGCACATGACCAGTTTAGCATCACTGCCGCGCATCCGAA AATGATCAACTTCGGCTTTTAGATGGATCGGTCAATCCGTTTTAAGCCGGATAAAATGCTGGTATTTAATGACGATCGTTATGAGCCTTGAGCAATTGGTCGGAGTGCATCAAAAAAGATTGTATTGAGGTGCGCTTC CGCAAATGTAAGATGACTCATGGACCAACCCCTACCCGAACAAATCCATACAACCAATGTTTGTCTAAATTTCTTGCCGAGAAGCGTACCTGTCAAAATACGACAGTTTGCAATAGCCACGTAATCCCCGAAAAGC TGAGCGAAACCTGTGGCATCCGCCCGAATACCCGAGCATTGTAGCTAAAATTGTGGCGGTGAAATTGTGACTCCACATTCGTGGCCATGGGCGGTGCGCCTGAGTGTGAAGCCGCCAGGCCGTCTTTGATCTCT TTTTGCGCAGCGACTTTAATCGCGCTCAGTGGGTCTTGACCGCAGCGCACTGCTGCTGGTGGAAAAATAACGATATGCCGGTAGGCCGTATGGTAAACCTGCGGGATCAGATGAAAAGTGACTGTACGTACATTTT GGCGATCATGATAAACGAAACAAGAAGAGGCCAGCAGGACGTTGCGGTGGAAAAGGTCATTCTGCATCCACGCTACCATCGTAAATTGATGGCGGATGGTGATGATATCGCGCTGCTGTATTTGCCTAAAGCGGT GAATATCACGCTAAAGTGTCTACGCTGTTTGCCGACGAAAGATGTGACAGGTTGAGCCGGGCACCCAGTGCTATGACAGTCGGCTGGGGCAGTACCGAAGCTGGCCGTACCCCGACCTTTGATAATATCAATAGTA TCCTGGACGCACTGTTTTGCCGGGGTTCGGTTTTCAAGCCCGTTCTCTCGCGCCATTACGATGTCTCCGTTCTTCGCGCTTCCAGGATCGCGCGGTAAGCCGGGTACTTCGCGAGGTGATTTACCGGTGGTT TCTAACAAGGAATGTGCTAAATATTATCTGACCTTAATGAAGACGTGCACATCTGCGCGGGTAGCAAAGGCAAGGATACCTGCGCGGGTGATTCGCGCGGTGGCCTTTATTGCCAGCTGCCCGCTCCGGTCCGGT GTTTGTGGTTGGCGTGACGAGTTTTGGCTCTGCACGTGGCTGCGGAACGAACCCAGGTGTTTACACCAGCGTCATTGGTCATCTGGACTGGATACGCGAGTTATGGCGACCAGCGTTATTAA
197	OON22593.1	1662	4928	ATGCAAAAAATTAAGATCTGAAAAAGCACAACATGCAGAAATCTTTAGAAGATATCAAAGCTAATTTAACCGATTTAAAAAATCCAGCGATGAAGTCTGTCTATTGACCGAGCTGTCTTGACCGAGCTCCAGGAT AAACTGAAACATAAAGCGGCAACCCCGCTGGATCTTCTGCACGCATTCCAATTAAGGGGTGAAGCTTCAAGAAAAAGGAAACAGCGGTATTTGTCAATTTATCAACGAAGCTGAAGAGCAGGCCAGCCAACCTGAC GGAAAACCGCCCGTCAGTTAAATCTGAGCTCTTTGGCATTCCCATCAGCGTCAAAGAGCTGTGCTCGGTTAGTGATATGATGTAACCTTCGGCCTGTGGAACCTCTGTCAAAAAACCGCGAAGGAAGATTCTGTGGT CATTACAGTCTCTGAAAGATGCAGGTGCGATTCCGTTTGTGCTCACGAGCACTACACAGGCGGCCTTACCCAGAGTGGGCTGAACCCGATTTTGGTAATTTATGGAATCCGCACAGCGATAAACATGAAGCCGGTG GCAGTCTCTGTGGCGAGGCGGTGCTGCTGGCACAGAATGGTTCGCCGGTGGGCTTAGGTACGGACCTGGCCGGCTCCATCCGATTCCATCCGTTTTTGGTCTGTGCCGGGCTGAAACCGACGAGCAAAACGCATC TCGGCCATCGGCTCTCCGAATTAGTGCCGCAATCGACGGTCGAGCTGGAAGTTTGCAATTGGTCCGATCGGCAAGCGGGTCGATGATCTGCCCAAATTGATGCGCACTCTGCTGAGCCGACTATGTTGCAACTCGAC CCATATCTGCCTGTTCTCCGTTCAATGAAGAACTACCTTTGGTAAAGACAAACGGAACCTGGTCATTGGTTTCTACGAATCAATTGATGATTCTGACATCATCAAACCGTTCGTCGCTACGTCGTGACGTGCGCCA GGCCGTACATAAACTTCTCAGCGGGGCCACACATTGATCAAATTTACCCGCCGAAGCCGTTTTATGCGTTTTCACTGGGTCTGCGTAGCTGCGCCGTGGACGGCCTGAAGGGCTTAGCTTCTCTCTGAATGGCGA GCCACTTAGCGAAGCGTCAAAAACGATTAAACGCATGGCATCTATGCCGAAGGCGTGCGTCCACTGATCGACGCTCATGTTCTGTAATCCATCGGCAAGCCAGCAGCAGTCTGCGAGATGATTCTGTAAGTCGATA GCGTGGCCGAACGATGGAACATGTGGGGCGTGTCAAAAAATATCGCCAAGAATTTGCCAAAGCCTGGAAAGGGGCTGGTAATCTTGATGCGATTATTTGTCCGGTTTGGGCGTATCCTGCTATGAACCTGAGTACC CCGTGCACTATATCACGCCATCCGTTATCTACGTGCTTATGTATAACCTGCTGGACTACCCGCGAGGAGTGTGCCAATGGGGCTTGTGGCTCCGAGGATCTGGAACAAGCTAAAAGTGATGCGGAAAAATTTAAA CAGTGCGGCGACCAATACCACGAACGCTGATGAATATGCAGCTGGATACGATCGCCCTGCCCTGGGCGTACAGGTAGTAGCAAAGCCGTTCCGTGAAGAATTGGTTCTCCGTATTATGAGTGAGCTCGAGAACGG ACATCACTAA
198	OON21514.1	1671	4937	ATCTTTTATCGCTCGCAGTGCGCCAAGCCGGCTACCGTTGGTAACTCGCATTGCGAGCTTGTATACAAGCAACGAATGAACCGTTTCTGCAGTACAAACGCGGATCTGCGGAACGTCAGCAGTTAGATTCTACA ATGCAGTCGATGCTGAGCCAGGCGCGTTTGAAGTACCTTTATGCATTGGCGCTGAGGAACGACAAGTAGCGAAGCTAAGAAACAAGTACTGCCGTTTGATCATGGTCGCACCTTGGCGAACTACTATTATGCAAC GGAGCAGCAGATTGATCAGGCGATTGCGGTTGCGCTGAAAGCCCGCCACTCGTGCTCGCACCAGTTTGTATGAACGCGCTGGCATTTCCTGAAAGCGGCCGATATCATCTCCGGGAAACCGCGTTGTGAGATCTT GGGTTCAACCATCTGGGTCAAGCCAAGACGATTTCCAGGCGGAGATTGATGCGGCCGCGGAGCTGGCCGACTTTCCTCGTTTCAATGTACAATTGCGCTCGGAAGCCTTGAAATATCAACCAATTAGCACCCAGAG CGCTCAGAACCGCGTGGTGTACCGCCGAACGAAGGCTTTTGGGCTCAATTCCGCCGTTTAAATTTACGGCAATCGGTGGGAATTTAGCGAGCGCGCCGGCCTGATGGGCAACGTGGTATTATGGAAGCCCAAGTG ATACCGCAGTTTACAGCAATTACGTGGTCTATCGGATCTTTGCGGAAGCTGGCCTTCCACCGGGCGTAATCAACTTTGTGCCAGCTGACGGACCGACGTTTGGACGTGTTGTACACGTCATGCCAGTTAGCCGGTGT GAATTTTACGGGGAGTACAAAACCTTTCCGCCACATTTTAAAGGAGATCGCCAATAATTTGACAAATTACCGGGGTACCCCGCGCGATTGGAGAATGCGGGGGAAAAAATTATCACTTCGTCACCCGTCTGCCGA TCTGGAAGCAGCTGCAGTTTCTACAATTGCGAGCGCCTTTGAATATTCGGGTCAAAAATGTTCTGCATGTTCTGCGCTGTATGTGCCAGTTTCGTTATGGCCAAAATTGCGGTCACTTCTGTTGGAACATCATCGCCAGC TGAAAGTTGGTTCTCGTTGGACGTCGACACCTTCACTTCTGCTGTATCGATCGCGCTGCATTTGACAAGATCAGCGGTTACTTAAATCACGCTAAATCTTGCCAGATATCGAAGTCATTGCAGGGGGCGGCACGGA CGATAAACCGGGCTACTTCATTGAGCCGACCATTCTGCTGACTAAAAACCCGTTGGATAAAAATTATGAAGATGATATTTTCGGCCCCATTGTTTGTGCGTACCTGTATGAAGATTGAAAGTTGATGAAACGCTGGAT TTACTGGATTGACGACGATTATGCACTGACCGGCAGCGTGTGTTGCTAAAGATGAAGCGTTTATCAAAAAGGCGACCGATCGTTTGATTGATACCGTGTGAACCTTTACGTGAACGTCAGAGACCGGTTCTGTG GTTGGTCAGCAGCCATTGGTGGGGCTCGTCTGTCCGGCACGAACGACAAAGCTGGCGGCCCGCAGTACACGTTACGCTTTACCAGCCGATCTCTATCAAAACCCAGCAGTTGCCAGTAGCAAGCTGGAACAGGC GCACATGCTCTGA

199	OON20381.1	1683	4949	ATGGGTGACAGCAAATTTTATAGTACTGTAGCGTGCTGGTTCTCGGTGATAGTAGTAAAGTTGGTAAGCTGCATGAAGACAACAACTTCTGGAAACAGTGCAGCTGAATAAATATGATTATGATCTGGTAGTCATT GGTGGAGGCAGTGGTGGTCTGGCCGCTCCAAAGAAGCGCGCAAATTCGGTGCAAAAACCGCTGTACTCGATTTTGTAAAACTACTCCGAAAAATACCGTCTGGGGACTGGGTGGCACCTGTGTGAACGTCCGTT GCATTCCGAAAAAATGATGCATCAGGCAGCGCTGCTGGGCTACTTTAGATGATAGCGAAAAAATTTGGTTGGGACGTCAAAAAAGACGAAGGTAAGTTAGTCTGTTTTGGGAGTGACTTTCTCAGCCTGTCCCGG AATTTGGTGGTTACGCGCGCAACGTGTATCGCTTCTTGTAACATGATTGGGGTAAAAATGGTAGAGGCGATTAGAACCATATTTCCTGAACTGGGGATATCGGGTCTCTCCGCGAAAAACGCGGTGGA CTACTGAACGCGTATGGTGAAATCATTGATGCGCATACAATCAAATAACGAAAAAGAGCGGCGAGACCAGCAGCATCACTACAAATAAGATGATCTTGGCCATGGGAGAGCGCCCGCGTATCCGGATATTCCTG GTGATAAAGAATATGGCATTACCACTGACGACTGTTTAGTCTCCGTATAATCCTGGTAAGACCTAGTGGTGGGCGCCTCGTACGTGGCATTAGAATGCGCGGGCTTCTCACCTCCTTCGGCTACGACACGACCGT GATGGTCCGGAGCATCTTGCTGCGCGGTTTTGACCAACAGATGGCGGAAATGATCGGCGAATATATGCAAAAACATGGCACCAAAATTTATTCGCTTTCGCTTCGACGTCAATTTCTCAAGTTGAACCGGCAGATTT AGAAAAAGGTAAAACCGGCCGTTATCGCGTCACGGCAAAATATTCGACGGGAAACCTTTTTCCGAAGAGTACAATACCGTGTGCCAGTAGTGAGCTTTTTATCATCTTCGCTATTGGCCGTGATCCGTGTGTCGAT GCCGAAACTATGAAACGCTGGGTATTAAATTGGATAAAGCGAATCGGGTGATTTGTGAAGACGATGAACAAACGTCAATTGACAACATCTACGCGATTGGTGATATCAACGCAGGTAAACCGCAATTAACCCCGGT TGCAATCCAGGCAGGCCGTTACCTGGCTCGTCTGTTTGTGCTGCTACGGAACCTACGGATTATGTGAACGTTGCTACCAACCGTGTACTCCGATTGAGTACGGAGCCATCGGACTGTCTGAAGAGGATGCGAT CGCGAAATACGGCAAGGAAAAACATCACTGTATCGTTTGTGTATCTTCTACTTTAACCCGCTGGAGTGGGCGTTGCCGCATCGCGACGACAATGTTTGTATGCAAAACTGGTGTGCAACAAAGCAGCGGTATCAAA TTTCCGCTTTTAACGAACAGGTTTGGGCTTTCATGTTTAGGCCCTAATCGGGGGAGATCACTCAGGGTTATGCCGTGGCGATGAAAATCGGTGTGACGAAAGCGGATTTTGATGCTACCATTTGGTATCCACCC GACCTGCTCCGAGGTCCGTCCATCTATCTAA
200	OON14610.1	1689	4955	ATGAAGCTGTTGTCCAACCTAGCTCCTCAAGCAGCAGGAGACTCTGGTCCGCCGTCTGAAACGGGAAGGTACTGTTTGGGAAGATCCGGACTTCCCGCCGATGATAGTTCCGGTAGGGATGAGTAAATTGCGCGGGAA GTTGGAATGGAAGCGGCCGAAAGATATTAATCCGCGCGCCGAATTTTCGTAGGAGGCGCATCTCGTTTTGATATCGAACAAAGCGAGTGCGGCGACTGCTGGCTCCTCGCGTGTTAGCAGCATCAGCTCCTACC CTGCGTTATTCCAGCAGGTGGTTCCGCCAGATCAGCCAATGCGTGGTGAAGACTATGTTGGCGTGTTCGCATGCGTTTTTGGCAGTTTGGTCAGTGGGTAGAAGTTCTGGTGGACGACCGGTTACCGGTATACCGCG GCACCACGCGCCTCGCATTTATGCATTCTCGGGATGACAATGAATTCTGGAGTGCCTCCTGAAAAAGCATATGCTAAAGTTAATGGTTGCTATGAAAATCTCTCCGGCGGCACCCAGAGCGAGGCGATGGAAGAC CTGACTGGGGCATTTCGAGAGACCATTGAATTATCGCCGCAAAACGTCCGAAAGACCTGGTCAACAAATGATGATTTACGTGAATCGTTGTTGCTGATGGGCTGTTCTGCGATTCTCAAATTATTGAAGCTAAAT TAGATAATGGGCTATTGCGGGGCATGCCTACTCGGTAACCTGGGATGCAGCAGGTACATTATCGTGGAAACCCACGTATCTGGTCCGTTGTCGCAATCCGTGGGGAGGCAAAACAGAGTGGAAGGCGCGTGGAG CGATAAATCCCGGAATGGGGGGCATTAGCGCGCAGGAAAAGCAGATTCTGGATTTAAATTTTCGTGACGATGGGGAATTCTGGATGTCCTATGATGATTTCTGAGCTGCTTTAGCCGTCTGGAAGTATGCCATC TGGGCTGGAGTCATTGGAGTATGACCAGGATTACCGTGGAACAGTCGCTTGGATGAGGCCATTTTTTCGGGCCATTGGGAAAAGAATGTAACGCCGATACCTACTGGACGAATCCTCAGTTTCGCATCGCAGTC GTAGACCCGGACCCGGACGATGATGAACAGAAAGCCACAATCATTATCGGACTCATGCAACGTGATGTGCGTAAGAAATCTGGTGCGCAGTTTTTCCGATTGGCTTACCCTCTATCAGGTTCCGCAGGACCAGGAA AGCCTGCTGACCCGCGCACAGCTCTTAAGTAAATCCCGTGCGGTGCTCTTCTTTATCAATACCCGCGAGGTTTGCGCGCACTTCTCCCTGCTCCGGGTGCTTACGTCATCGTGCCGTCAACCTTTGAACCAACCA AGATGTGGAATTCATTCTCGGGTTGTGAGCCAGGTAGCAGTGCCAAACAAGAATTGGATGATGGCAATGTCAACCTTGATATTCGGAAGACGTTATGGAAGCGGTTCCGGCTTGAGAACGAAATTCGCAAGAG GATGAAGAAATTAAGGAAAAGTTTGAACAGCTTTGTGATAAAAAACGGCAAGTATTAACGCGACCGATCTGCAGAAACTGCTGAATGGTTCAAGTCTGCAAGATATGCCAGGCTTCAAGGTTTTAACCGTGAAAT GTGCCGTAGTATGGTGGCAGCCGTTGATGTAAGCTTTTGA
201	OON22652.1	1701	4967	ATGTCGTCTGACAAAGGCACAAACGAAGCGACATTCATTATGCTACAACCGATAACCAGACGATCGAAGCGGCGCTGCAGCAGCATCCGGTAACGTACATCTGTATTCTTCGGGCACCGAAACCATTTGTGGCGGA AAACAAGTATTTGATTCTGGACGACTCAGAAACTGCTACGAATTCGAACCTTAAACGACCGGTGAGGACAAAGAAGAAAAATCGCGGAAACAAACTCTATTATTACTGTTTTACCATCTGGAATACCATGATGGG TACCAGCGTTTTAGCAATTCCTGGGCCCTTGCTCAGGCTGGCTTCGGCTTTGGTATTTTTCTTATCTCTGTTAGTTGCCGGAATTGCAACCTACACAGCGTACTTGGCGGAACGGATCACAGGCGATCTGCGTACCATCC GTAACCTGCCGAAAGAAGTGTTTTAGATTTCTCAGATGCCGTTCAATTATCACTTCGGCCGCTCTGGTCTGATTATACAGTCAGTTTTTCGCAAGTGTTATTCTCGGCGCAAGTATTGTGATTACGTTCTGCTGAGCA ACTTTCTGTATAATACCGGTAAATATATTTATCAGTCCGCACTAACGAATTCCTGATCCCCCAACAATCAGCTTTGGCGGCCGTAATTTTACCAGATATTCTTTGTGATGTGGAGGGCATTAAATGGTAGCTACATCGAA ACTTCGACGAATGAGCTGTTTGCAAAACTGTGGCATGTCCAAAATACGGTGCCCGTCTGGATCCTTCTCATTCTGTTTCCCTGGTGTCATCAAATCGCCAACCTTTTTAGGTAAGTTACAGGCGCTGGCGACAATTAG CGTTATTTACTTGTATTCTTACGGGGATCAAAGGGTACTCGTGGAAGGTGAATATGGACGCGGACAAAGTTACGGGCACGATTGAAAACCTACCGCAACCTGTTCCGCTCGTTGACAGGCGCTGCAGCATGGCGTT CTTTATCCACAATGCGTTACATACTATCCTGTGGGCTCAGCGTACGCCGAAACATAATCCTCAAGTATCTGGCAGCGTTTCGGCTTCAACAGTTAACGTATTCCTGATCGGTTGTATCTTCTTCTGCTGTTTTCTGT GAGCAACGTTGTATCAAGGATAATCTGCTCGATAACTTGGTGACAGATGTGCCGTTTTCTGATGGTGCCTGGCACTGCTGTTTCAAATGAGTACCGTTTATCCGATGATCGTTTATCTGCTTCGTGCCAGTTTCATGT ATGCGGTATTCGGTAACATCTACCCGTGCTGGAAACACGCGCTGATCTTTCACCTGGTCTTGTAGGCCTCGGGGTTCTGTTTCGCCGTTGTATCCGAGATCGGTACTATCATCCGTTTTCTGGGCGCAGCCGTTGG CTTTATTTTCTATCTTACCTTGCCCCGCTGATTACCCTGCTTAATAAACGCATCTTGGGCCGTGAAGCAGTGGTGCATCCCAAAGTAAATGCGATGCCATTAGTGATTATGCGAAAAACGGCAAGGACTCCCCGAAG ATCTCGGATGAGCTGACGGTGTGCGCGACTGGTGTGATATGAAAACCTGCATTCTGTGGTGGATCCGCTGTTTCTTTTATTTCTTATTATGCTGTTCCGGCTTATTAACCTTCATTGCGCAGTTTCGTTTGTGGGTATC CCCCAGAACAGTTCGTCGCCGAATAA

202	OON16184.1	1746	5012	CAACAGACGGAAACACGGTCACTAAACAACCTGTTACGAAGGACGGTGAGGTTAACTGGAAGTCACCTGCATCGGCGATAAACGCGACTTTTGCAAGGGTAAGCCGCAAGGCTTCGAATTCAGTGATGGCTGTC GCCCATTGCCAGTGTACGCGTCGGATGCTTTTTGTACGAGCCAGGACTGTGAAACGCTGGTCGATCCGAAGACGGATCCGGAAGAATACTGTAGTAATATCATGAAACAGAACAGTGAAGCTCTGCGTCGCATGAAC GAAGGAAAAGCGACCGAAACGACGGAACAGAAAAGCGAAGGGCCTGAGAATATGAAAACCTCAAGAACAATGAACCCGAGCGACCGAGAAAGCTAATCATGTTCCGCACAGCAAGACTGAAGATAAACAGGG TGAAACCGCTATTAAACCTAAGGAAGCAGATGCCTCCAACAAAGATACAAATGTGAGCAGCGTGTACGGTATGGGATCCATTGAAACCGGCCAGTGCCGCAGCCGGACATGTTGAACATTCCGCTGCACCCGATGA ATCCTATGGAATTTGACATGAACTATCTGCCGCCGCCACCGATGGAGCCCCGGGTATTGGGCTGGTTTGCCAGGGCCATTGCCGGATGGTATTACAACCTCTCCGCAATGCCAGGACCAGATCGTGAATTC CGGGTTTTATGAACGAGCATGAAGGCGTCGTAAGAATGGTACCAAAAACTGCGCGCCGTTTGAACTTTGATGAAGGCAAAGGAAAAATCATTTGGAAAACATCCTTTGCCATAAGAGTCGCGAAACGGGACGC AAGTCCAAGCCTACCGCGATGACAACTTGCTGCAGAACTGAAGACTATGTTCTCAACTCGTGTGGGAAAGGCTCGAAATCCTTAGAGAAAAAAACCACCGTGAAACCGCGGAAGTTTAGCGGCACGCTAT GCATCACCACCGCCACTTTGTTCCGCATCCAGTACCGCCGCGGAAGCGCTCGGCGGCCCTTCCCGCATGAAAATGGTCAGCCTCAGCCAAATTGGCCTCATGGTCCGTTTGAAAAATTATGGGCCACCTGAGTGGCC GCCGTTTCAAGGTGACCCCTTGTTCTGAATGAAATGATGGGGCCGGAGCCTACGAAGGCCCTGATTTGCGGTGCGAAGAAGGTGGATACATCGATGAGTTGCGGGCCAGGGCCATTATTTTGATGGTCCAGAAC TCTCGCCGACGGACCCAGCCTTCTTCGATGGTTCGATCCGATGCTTCCGGAGTTTGACCCAGATTACATTGAGGATCCATTGATGTGCCAGAACATCACCATCATCCGATTCTGTGCATGTTAGTGGGGTTAAATCT AAAATCAAAAACCGGCGAACTCTCGCTGCCAAGCCATCAGTCAACGTTAAAGAGTCGGGGTCATATCTTTAGCCGCACGCGTTTATCCCGCTCCCTAACTCAAAAAACGCTCAACCCGCCGCACTATCGCGC GCTCCAGCGATACATCTACCCGAAGAGCATTAGCTATTTACGTGCCAGATCCATCGTCTCGTGGCAGGTGAAATACCTGAAGAAGAAATGATCCACTGCCATGCGGTGCGCCGCAACTATCGCAATGTGATGC AGGCGCAGCTGACTCAACCACACAATGCGGCGCCGATGTCAAAAACAGCCATGCTGACCCCGCTTGATTGGTGGTTGCATCTGGAATAATCTCTAA
203	OON23650.1	1767	5033	ATGCGCCGCGCTAGCTCTTCTACCGAATTTATGAAAGCCACTCGCTCCTGGTGAAAGAGCGTATCATTGAGCGTGAAGTGGTTTTGACGGCGGTGATCTTGGCGCGGTCTCCGGGCGGCGGCGAGCCGTGAGCTG GACAAATGGAAGATACCAAGGATGGCTCACGTCTGACGGAGGGCCAGAAGGAACCTGGGGTTACCTGGACACTTGCGATCACGGTATTCTGACTTGTTTTGGCTCATCGTTCATTATTGGATATAACATCGCCATT ATCAACCTCCCGGGACGTTTATTAAGAAATTTCTCAGGAAAAAATCTGAATAAATCCACGGGTAGCGGAATTGTGGATGCCGAGTTCCTCTATGCACAGGCGAGCACTGCCCTTGTTGGTCGCCGGCGCCATCGGC GCGTTCAGCAGCGGTTGGGTGCGGAATTAGTGGGCGTCGCAATGGCTGCTTTGAACCATGCTTTCGCGATCATTGGGGGAATCATTATCGGCCAACCGTTTATGCCGCACAGCCGGCGTTGTTATATCTCGGT CGTTTCATTGTGGGGCTGAATAGCGGGATTACTATGGGCATTGCACCCATGCTGCTGACCGAAGTTGCTCCGCGTGAAGTGCCTGGTGCCATTGGGGCTGCAACCAGCTTGCCATCACACTCGGGATCGCATTTAGC TATCTTGTACCCGTGAGTCACGCGCTTAACACTGAGACACTGTGGCCGATTGCCTGCAGCTGGTTGGTGTCCCGCACTGATTTCCCTTGTCACCCGTGCCGTTTTGTCCAGAATCCCAACGCTGGTTGTTCTGTGAAAAA GAATGATGAAACTGCCGCGCGTTGGCGTTTGCGCGGATCAATTCTAAAGAATCCGTTGAAACCTTTCTGGGCGAACTGCGCGAAGAGATGGAAGTCGCGAAAAACAGCCCGAAATTAAGTTCACCCAGCTCTTTAC ACAAAAGGATCTTCGCATGCCGGTCTGATTGGCTGCATCATCAAGTTTTACAGCAGCTGAGCGGAATTAACGCAGTGATCACATACTCAGCGTCTATGATGCAGACCGCCGGTGTCCCATCGCAGTATATCGAATA CTGCGTCTGGCTAACGGAGTGCTGAATGTTCTCATGACTGTTGTGCCCTCCCCCTGCTGGAGCGTGCCGGTCGGCGCACCTTGTGCTGTGGCCGACTTTAGTGCTGGCGGCGAGTCTGCTGCTCCTCACGATTACA GTTACCTTTCGAAGAAACACCCGGAGGCGTCGGTGCAGCAAGCGATGGGCACCTTTCCGCGGTTCTGGTGTGGTTTATACGGCGGCTTTCGCGCTGGGCTGGGACCGGTTCCGTCACTGATCGTCAGTGAGAT CTTCGCCAAGGCCCGCGCGCCGCGCTTACTGTTGTGCAATCTATTCAATGGTTGTCGAACCTGCTTGTCTTATTCTCATACCTTCGATCGATAAACGCTTGGAAGGCTACAGCTTCTTGCCATTCTGTGCTATTGT AATCTGCTGTTGGATCTTCTTTTCTTTTATGCCGGAGACTCGTAACCGTACCTTCGACGAGGTGCGCCGGGATCTGGCATTGGCAATATTGTGGTGGGTAAGCGCAGTGCAACCTTGGAAGATCGTACCATGGCG GTTTTTCAGAAAGATGAGCGCAACCCGAATAACACGGAATTGGTGGCGACGCAACCTTGCTTAAGCAGAATGATGTACATACCGTGCCGTCTTTAATGGCGTAA

204	OON14832.1	1779	5045	ATGAGCGTGTCTCGCTCGGTTACCGGCGACTCAGGCGTGAACGCCAGGAACAGGGAATCTGCGCAATTACGGTCCCGATTAATGTATGTAATCAGTTGAACAGCAGCGATCACGATTGTTTGGTTCTGGTTACCGATGACGTTTCAATTCTGCCGCGAGAATTTGAGCTGATTAGCCAGTGCCTGTCAGCGCAGAATAGTATCGTACCAGAGTTCATAGCGGGGTTCACTTAATTTACTGCGAATCCCTGCCGAGTAAGCGCATTGTTTGTCCCTTCACGGGTTCTGCTGGACCGCGATTACGATGACATTCTGTCGTGTGAGCGAGGCTGCGCGGGATGGCATCAGCCACGCACTGAAAATTGGCTCTATCCGTCCTTTACTGGCCCTGACTCCGCTGAAGGCACTGGAGAAAATTTCGGGTACTGCCTTCGTGGGCCAAGCCGGAAGCGCTGTGTCTGAGCACGCTGCTTGGTGCAATTACACGCGTTATATGTGGCGGTGGGCGAGGCTGCGAGCATCTGTGCGAGCTGTTGGTTAAAAATCTTGTTTTCAGGTTTCGAACATTTTTGTTTTTCAGCCGCTGGAAGTGCGTGAATTCGCGTTACGCCCCGTGAAAAGTGACTTGCACAAATCGGTGAAACCTTCTAAAGTTACGAGTTTGGGCTGGTTCCGGGGACCTACACAGTTGATCACACGCACCTGGTTCATACGCGTGGTGTCTGGAAGAGGGTCGGCGGGTCTGCCGCGATATCGGCGGATCGGATCCAGAACGCATGTGCGCTAGCCGTATTGTAGACTACATTAAAGCAGAGCTGTGGGACCTGGCGTAGTTGTGAAAACGGGCCCGTTGACGCGACCCTGTATCCGTTGGCGGCGGCCGTGGATCGCGTTCAAACGAACGTCATCGTGGCGCGATCGTTTCATCTTGAATACTCAGGTCCGCTGGCGGATGATCTTAACGGTCCGAAGTCACGAACCTGTTTCTGATTGGCAAGGGTATTGTTATGATACCGGTGGCTCAGATCTGAAAAGTGGGTGGCATTATGGCAACCATGCACCGCGACAAATGCGGCGCGGCTGCTGTTGTCGGTTTTTTTAAGACGGCGGCTCTGCTTAAACCTGAAAAGCTCCGCTGCATGGCAGCCTGCCATCGTTTCGTAACAGCATCGGTAGCAATGCTTATGTGAGTGATGAAATCATCACGAGCCGGGCTGGCCTGCGTGTTCGCGTGAATAACACCGACGCGGAGGGCCGCATGGTTATGACGGATCTGCTGTGCGAAGCCAAGAACAGGCGTTGCAAGTGGTGAATCCGCATTTAATGACCTTGCCACCCTGACAGGCCATGTGGTGTGCTTACGGCCCGAATTATACGGGAATTGTGGCGAATGGCCCTTCGCGGGTAATGGGCGCAGACCAGACCTTCAGAGCTACGGGGAATTGTTAGGCGAAATGCATGAAATCTCCACTCTGCGTGTGAGGATTTTGATGCACACAAAGCGCAAGAAGAATATGCGGATCTGATTAACGCTGCGCGTCCGGTGGCGGTAACGTGTCCGCGCCATCAGTACCAGCGCGCTTCATGATCGTGGCATCTGGTCTGGACTCTCATATGACCAATGCCGAAAAGCCGCTCCGTATACCATTTTCGATATTGCCGCGAGCCAGGGCCCGTGCCCGGGTATCCCGACCGCGTTCCACTCTTGACCTGGCATCAGCTACCTTCTGCAGGGCTTCTGGGAAGTTGTGTCGAAGTTATGA
205	OON20389.1	1857	5123	ATGTCCCTGCCAGCGAATTTAGAAAAGTGCGATTGCAGATTTACCCCGAACGTCCGCGCATACGTCAAAGAGAAGGCAATCTGGTGTAGCCAGACAGCATTCATATTTGTGACGGTAGCGAAGCGGAAAAATAAAAAATTTCATCGAAGAGCTGGAGAAGAGCGGTGCGATTACCGTCTTAAAGCGTACGATAATTGCTGGATCGCTCGCACGGACCCGGCCGATGTGGCCCGTGTGGAGTCGAAAACCGTGATCTCTACTCCTGACCAACGCGCTACTGTCCCCAAAGTGAAAGAAGGCGTTAAAGGAACGCTGGGTATTTGGATGTCTCCGAGGATTTACAGAAAGCCTTTAACGCACGCTTCCTGGTTGCATGAAGGGACGCACCATGTACGTATTCCATTCTCAATGGGCCCTTAGGCGGCCAATCAGTAAAATCGGTATTGAACTGACTGATTCACCTTACGTTGTGGTGAGCATGCGTATTATGACGCGTATGGGTACCCCGGTGCTGAAACTTTTAAAAACAGGATGACTCCTACTTTATTAAGGCCCTGCACTCTGTAGGTCTTCCAAAACCGGAAAGTCGCCCCGTTATTAACAACCTGGCCGTGCAACCCGGAAGTACGCTGATCAGCCATATTCCTGCGAACAATGAAATCTGTAGTTTCGGTTCTGGCTATGGTGGTAATAGTTTGTGGGCAAAAAATGTTTTGCACTTCGTCTCGGCAGCATCTTAGCAAACCGTGAGGGCTGGTTTGTGAACACATGCTGATTCTGGGCTTGAAACCACCGAATGGAAAGATGCGTTACATCACCGCAGCGTTCCCAAGTCGCTGCGGGAAGACGAACCTGGCCATGCTCCAGCCGACGATTCGGGCTACACCGTTACCTGCGTGGGTGATGACATCGCGTGGATGAAATTCGATAAAGAAGGCCGCTTCGCGCGATTAATCCGGAGGCAGGATCTTTGGGGTGGCGCCGGGCACAGCTATGGATACAAACCCCAACGCAATGCTGACCATCCAAAAGAACTCCATTTTACCAATACCGCAGAACTTCGGATGGTGCCTTCTACTGGGAAGGGCTGGAAAATACCGTCGATTTACCAAGGTGAAAGTTACTGATTGGACAGGGAAACATTGGGAACCTGGCTGCGGGCGCCGGCGGCGCATCTAATTCGCGCTTCTGCACGCCTGCTTCGAGTGTCCCATATTGACCCTGATTGGGAGAAACCTGAAGGTGTGCCAATTGACGCGATTATCTTGGTGGTTCGCGTCCAGAAGGCGTTCATTAATCATGGAATCCTTAATTGGCGCCATGGTGTCTTCTCGGGGCTGCATGCGGTGAGAAGCCACGCGCGGCTGAGCATAAAGCGAAGGTAGTCATGCATGACCCGTTTCGTATGCGTCTTTTTTCGGATATAATTTTGGTAAATATTTAGAACACTGGTTAAGTTTCGAAAATAAGAGCGGCTTAAACTGCCGAAAACTTTTACGTAACCTGGTTTCGTAAAGATAGCGATGGCAAATTTCTTGGCCGGGGTTTGGCGAAAATCTGCGCGTTCTGGATTGGATCCTGCGTCTGTGATGACGCTGTCCAGCCGTAGAAGGGATCGCGGCCAGGTTCCGCGCGTGGGAAGATATCACTTAGAGGGCATGAAAACCAAGCCAGACCTGAAAGCATTACTGTCTTCTCCGACTTCTGGAACGCGAAGTTGGCGAGCTGAAGCAGTATTTCAATGAGCAGTGCCTGAGGATTTCCGGCGGCCATGAAGGAGGAGCTGAAAACCTGGAGGACCGCGCTTACAAGGCGTGA

206	OON13613.1	1869	5135	ATGAGCCTGGAAC TGGTGAATATTATCCGCCTTTGCCGCGTGTTGTGCGGGGGAAAAAGTGTGTGTTTGGGGAAGATCCGAAAGGTAATTACGTCTTTATGGGAATGGTAACTCCGTTATTATTCGTAATCTTAAAGATGTGTCCAAGAACGATATGTACACGCAGCACTCGGGCGCGGTTAACGTGGCAAATACTCCCCGCAGGTTTTACATCGCGAGTGCGGATAAATTCGAAAAAGTTCGATTTGGGATACCGTAAACGCGGAACA TGTCCTGAAGAACGAATCCAACCGTTCTCCGGTCTATTTGCGATTTAGCCTGGACATCGGATAATCAACGTATCATCGTTGGCGGTACGGGCCAGTCTAGTTTCGGCGCAGTGTTCAATGCCGAAACCGGTGCGAG TGTGGGCGTTATCATGGGTGTCTCCAAAAACATTAAACAGTGTTGACTTCCGTCCGACTCGTCCGTATCGCGCCATTACCGGTAACGATGAAGGTTTAGTGAAC TATTTAGAGGGCCCGCGTTTACGTTCAAACACTAC TTTAAACATCATACCACCTTTGTCAATATCGTCCGTTTTGTCCGTCCGGTACTGCTTTGTCAGTGGTGCGCGGACGGTAAAATCTTTGTGTATGATGCTCAAGCAGGGAGACCATTGGCGAAGTCGGTTACCCG CCCATTCCGGAGGCGTCTATGGTATCTGTTTTCAACCGATGGCTCTCGTATGTTAAGTGTTCTGCAGATAAGACCCTGAAGCTGTGGAAGGTGGAAGGCCAAGAAATTCAGCTCTCAGCACCACCACTTTCCAAA CGACACCAGCTATATGGTATTAGGTTGTTGTTGGGTAGGCGATACCGTTGTGGCCCTCACCTTTAACGGCTTCTCCATTTGTTGACGCTCCGACCCATGTGAATCTCTGTGCGAGCCGCGCATGTTATTGCCGGTC ACCAGACCCTGATCACCTGCGGGGTATATAATAAGAAGCTGCAGCGGCTCATCACCGTAGCTCGGATGCCAACATGGCGTCTTGGGATCTGCAGGCGGGTCTCGCCGAGATGTTTTTGGGGAACATACCCACAAA GCGCAGGTGCAGTCGATTGCACTGTGTGATAATTACCTGGTGTGCGTTGGTTTGGACGATCGCTGTGTATTAGCTAACATCACC GAAAAAAGCTTCATTGCCAGCATTAAATTCGCCAGCCAGCCGATTGTGTAGGG GTGATGCCAATCCAGCATATTGCCGTGGTGCGGTGCGATAAGCACATTTGCCGTGTATCCGCTAGCAATCGCACCTGTCCATGCTGGATCATCAGGAAATTCATGCGGCCATGCACGATCACCCTAAGCCCGCAG ACCGAAACGGCTATCGTGTGCTCAGCGAGCGGCCAGATCATGGCGTACAAAACTATGGACGGGAAACTCCACAAAACCCAGGTTATGAATCCCCCGAGCCCGTTACCTATCATGGGTTCTATTCTCTGATGGAAGC ATGTTAGCGCTGGTCGATGCCGACCGCACAGTTACGGTT CATAAAGTGTGGATGAGCGTGATTAATCATGCCCCGGTGCTGACCCCGGCTCACAGCGAATGGTGGCAACGTCAAACAGCGCGGATCACTGCCAT TGGTTGGAGTCCGAACGGACGCCGGCTGGCCACGGGCTCTCTGGACATTCTATTGCCGTCTGGTCAGTCGACTCACC GAAAACTACTATTTATTTACGTAACGCACATCCGATGTCCAGTTCCACCAGCCTTTGCTGG ACTGATGATTTTACGCTGGTTTCGACCGCAATGGACGGCAGTATTCTGTTGTTGGACCGTTAAAGATAAATAA
207	OON16932.1	1878	5144	GAAGAGAAGAAAGAAGATTATGGGACCGTAGTGGGAATTGACCTGGGGACGACGTATAGTTGCGTTGGCGTCTTCCAGAACGGACGTGTGGAGATTATCGCAAATGATCAGGGTAATCGTATCACCCTAGTTACG TCGCTTTTACGGCAGAAGGGGAACGCTTGGTAGGTGATGCCGCCAAGAACCAATTGACCACGAACCCGGAGAATACCATCTTCGACGTGAAACGTCTGATCGGTGCGACTTTCAACGAAGAAAGCGTCCAGAAAGAT ATTAAACATTTCCCGTTTACAAACGATAAGCCGTACATTCAAGTTAAAGTCGGCAGCGAAACGCGTACCTTCGCGCCGGAAGAGATTTCCGCAATGGTCTTGGGAAAAATGAAGGAAAGCGCCGAGGCCCTACCTTGG TAAGCCTGTTACCCACGCGGTTATCACCGTTCCTGCTTACTTTAACGACGCACAGCGTCAAGCGACTAAGGATGCTGGTGTATCGCCGGACTGAAAGTCTTGCGCATTATTAATGAACCGACGGCTGCCGCAATCGCA TATGGTCTGGATAAAAAAGAAGGCGAAAAAAATATCCTTGTGTATGATTTGGGTGGTGGTACGTTTCGACGTCTCGCTGCTGACGATTGAAATGGTGTTCGAAGTTGTTGCGACATCCGAGACACGCACTTGGG CGGTGAGGATTTGATCAGCGGGTTACTACCTACCTGCTGAACCTGTACAAAAAAAAGACAGGCAAGATGCTTCTGGAGACAAGCGCGCAGTACAAAAACTGCGCCGTGAGGTGAAAAAGCCAAACGTACGCTG TCTACTACCCAAACGGTTCGCCTGGAATTTGAATCGTTTTATGACGATGAACCATTCAGCGAACAGATTACCCGTGCCCGCTTTGAAGAACTTAACGCGGATCTTTTTCTCTCGACACTGACGCCGGTCAAACAAGTTA TGAAAGATAGTGGTCTGGACGAAAGCAGCATTACAGAGATTGTTTTGGTGGGGGGTTCGACGCGTATTCAAAAAATTCAGCAGCACATCAAGGAGTATTTCCATGGCAAGGAGCCGTCTCGTGGTATCAACCCCGAT GAAGCAGTGGCAAACGGAGCAGCCGTT CAGGGTGGCGTCATCTCAGGCGTTGAGAACACCCGAGGCGTGTTTTATTAGATGTATGCCCCCTGACGCTGGGGATTGAAACTGTGGGTGGCGTCATGACCAAATG TCTCGGTAAACACAGTGATTCCTACAAAAAAATCGCAGGTATTAGTACCGCCCGGATAACCAAGCCGACCGTTACGATTACAGTGTTTTGAGGGCGAGCGCCCTATGACCAAAGACAACCACTATCTTGCCAAATTCG ATTTGACCGGCATCCCTCCAGCTCCGCGTGGTGTACCGCAGATTGAAGTAACTTTTGAAATTGACGTGAACGGTATTCTCCAAGTGACTGCGGAAGACAAAGGTACAGGACAGAAGAATAAAATCGTAATTAACAAA GACCAGAATCGCTTATCTCCAGAGGAAATCGAGAAAATGATCAAAGATAGCGAGCTGTTCCGCAAAGAAGATGCGAAAACGCGGAAACGTGCGGATGCGAAAAATGAACTGGAAGGTCACGTTTACCGTCTGAAAG GGCAATTGGACAACGAATTGAAAGACAAACTGTCCGCCGAAGATAAAAAAGCCATTTCTGAAATTGTGGAGGAAACGATTACCTGGATTGAACAGAATCCTCAGGCCGAGACTGAAGACTTAAAGAGCGCAAAAA GAAAGTCGATGATATCGTATCTCGATTATCACCAAATGTATGGTCAGGCCGGGCCGCCGCCGACAGAACACCGGGCAAAGATGAACTGTAA

208	OON14523.1	1944	5210	ATGCCGGCTGTTGGCATCGACCTCGGTACTACATATTCTTGCGTTGGCGTTTTCCAACACGGTAAGGTCGAAATCATTGCGAACGATCAGGGAAATCGTACAACCTCCAAGTTATGTGGCCTTTACGGATACAGAACGCCTGATTGGGGATGCCGCGAAAAATCAAGTGGCGATGAACCCAAATAATACGGTTTTTCGATGTGAAACGCTTGATCGGCCGCCGCTTCGACGACCCAAGCGTGATCGCTGACCGCAAACATTGGTCATTGGAAGTTGTGCAAGAAGGTGGCAAACCTAAGGTACGGGTAGAATATAAAGGAGAAATGAAAACCTTTCCCGAGAGGAAATCTCTCCATGGTACTGACTAAAATGAAGGAAACCGCGAAGCCTACTTGGGTACTAAAGTCAAA GATGCTGTGATCACAGTGCCGGCATATTTCAATGATAGTCAGCGCCAGGCGACCAAGGACGACGGCGCGATCGCGGGACTGAATGTACTGCGCATCATCAATGAACCGACCGCGCTGCAATTGCCTATGGCTTAGACA AAAAAAGTCGGTAAAGGGGAGCGTCATGTGCTGATCTTCGACCTTGGCGGTGGCACGTTTGACGTCTCTATTCTGACCATTGATGAAGCGCTTTTGAAGTGAAGAGTACCGCGGGTGATACCCATTTGGGTGGGG AAGACTTTGACAACCGTATGGTGAGTCATTCGTCCAGGAATTCAAACGTAACATAAGAAAGATATTTCTGATAATAAACGTGCCGTCCGCCGTTTGCGCACCGCGTGTGAGCGTGCCAAACGCACCCTTTCCAGCTC CGCTCAGGCAAATATTGAAATTGATTCTTATACGAGGGTATTGATTTTTATACAAGCATTACGCGGGCGCGTTTGAAGAGCTGAATGCTGATCTCTCCGCCGTACCCTGGACCCAGTAGAAAAAGCGCTCCGGGA TGCAAAAATGGCAAAAAGCGAAATTCATGATATTGTGCTGGTTGGCGGGTCGACCCGATTCTAAAGTTCAAAAACCTCTTGACGAGTATTTTCAATGGCAAAGAATTGAACAAATCAATCAACCCAGACGAAGCGGT GGCGTATGGTGCAGCCGTACAAGCAGCGATCTGTCCGGTGACAAAAGTGAGGTTGTACAGGATCTGTTGCTTTTGGATGTGGCGCCGCTGAGTTTAGGCTTAGAGACCGCGGGTGCGGTTATGACCACCCTGATCA AACGCAACACGACGATTTCCACCAAAACAAACACAGACATTTACGACCTATAGTGACAACCAACCGGGCGTGCTGATCCAGGTCTATGAAGGCGAGCGTGCCATGACCCGGGATAATAACCTTCTGGTAAATTCGAG CTGAGTGGCATCCCGCCGGCACACGTGGAGTCCCGCAGATTGAAGTTACCTTTGATATTGATGCAACCGGCATTCTGAACGTTTCTGCGGTTGACAAAAGCACGGGAAAAACAAAAAATTACGATCACAAACGA CAAAGGCCGCTGAGCAAAGACGAGATCGATCGCATGGTGGCAGATGCTGAAAAATACAAGGCCGATGATGAACCAACGCGATCGTGTTCAGCCAAAAACGCACTCGAGAGCTATGCATATTCGATGAAACAA ACTGTAGAAGACGAAAAAGTGAAGACAAAATCAGTGATTCCGATCGAAACTGATCTCGGATAAATGTAGCGAAGTGATTAGCTGGGTGATGGCAACCAGACCCGAGAAAAGGATGAATACGAACACAAACAG AAGGAATTGGAGAAAAGTGTGCAATCCGATTATCACCAAAATGTATCAAGGGGCGCGCGGGGGGGAATGCCCGCGCGAATGCCTTCCGGCTTCCCGGGTGACGGCGTGGGGGCGGGCTCTGGTGGCGGTGCACG GGGGCCAACGATCGAAGAAGTTGACTAA
209	OON21679.1_C	1947	5213	ATGGCGACCGAGGTGGATGCCGGGGATAACGGACTTACTCAAGAACAATATGATGATCTGTGCAAGCGCTTTAGTTACTTGAGTTCAAGCCATTGCTTAGCGTGGGGCGACATTAAGGATGCGTTGGACTTGTGCG TGTAACCCCTTGCCGGTCACGAGTTACGCGAGTTAACTGGTACGCCTCAACAATGGTTGACTATGGACGAGTTCGCACACTTATACTCTCGCGCCCGCGATCTTAAAGACACGGCAAAGAACATTCGAAAGCATTACTC CTGAAGACGGTCACGGATGTTAAAGCCTTCACATCTGATAAGGATGCCGAGGTCCGCCATTGCGTGTCAAAGCAGAGGAAGTGGGCTTCACGAACCTGGATCAATAAGCGCTTTCGCCGTGATCCGGACTTGGTGGA GATTCTGCCGATTGATGTTGGCAAGGACGGGGAGCTGTACGAGAAGTGCAAGAATGGCATCTTGCTTTGCAAGCTGATTAACGTAGCCTCACCAAATACTATCGATGAGCGCTCTATCAACAAAGGTGCCACCCTTAA GAATGTATTCAATGTTAATGAAAATTTGACTCTGGCGATTAACCTCAGCGGCTGCTATTGGCTGCTGCGTTGTGAACATGGGCCCTGACGACGTAGAGAAGAAGAAGCGTCACATTGTTCTCGGCCTATTTGGCAGCT GATTGCAAGGGTCTGTTGGACACGATTACATTAACCCAACACAGCGAGCTTATCTGCTTACTGATGGACGGCGAGTCGCCAGAGGACTTGTTACGTCTTAAACCTGAGCAATTGTTAATGCGTTGGGTGAACATATCA CTTGGCACGCGCCGGCATTGACCGCCGCATGACGAACCTCAATGCCGATCTGCGTGACAGCGTTATTTACGCATACCTTTTAGACCAGATCAGCCCTATGGAGAAGAAGAATAAGTTGCGCAGTCCAGGGGAAGTGC TGGCGGGCAATCACAAGGAGCGTGCAAAATGCTGTGCTCTCAATGCGGAGTTGCTGAATGCACGCGCCTTTCTCTCGCCGGAAGATATCTACGAGGCTAACGAGGGTAGCAACCGTTGCACCTCGCGTTCTGGCT AATTTGTTCAATATGTACCCTTCCTTGGACACCCAATCTGACTGGAAGATTGTTGGTGAACTTTAGAAGAACGTACTTATCGCAACTGGATGAACCTCGCTTGGTGTGCGTCCTTTTGAGCGTTTCTCGACACAGATTT ATCGAATGGATTGGTGTTGCTCCAACCTATCGACCTCATCCAGCCGGGACGGTCGATTGGAGCAAAGTCGTAATGTGTTTCGATCCTCTTAAACGTTTGTTCAGGAGCAGGGCAACTGCAATATGGTGATCACGTC GGCAAAGAAGATTAATATCATTTTCGTAATGTGAGTGGTGAAGATATCCGCGAGCGTAACAAGAAGCTTATCTTAGGTGTGGTATTCCAATTAATGCATGCCTATACGTACAAGCTTCTTCATGAGGCAACGGGCGA GCAATTGATGCCACGTGACGACAAGGACGTCTGATCTGGGCGAATGATACTTTGACCGAGGCGAAGGCTAAACGCTGAACGGGTTCCGCGACCCTGCCTTGGCAACAGGGGTGCCATCTTGAGATCTTGGAAC AGATTGTCGCCGTTTCGACTAATCGCGACGTCTGGTTAAATTCAAACACGGACGACTTTAGCATGTGCACCTATGCCATCTCATGTTGTGCGAAGGCGGGCGCGCATCTATGCGTTACCAGAACATCTGAACAATCT GAATGGCAAGATGATCCAAGTAATCCTGTTTGTCTCCAAGCGTTGGATTATTCGACAAAACGCCGCGCCGAGGAAGCCAAGAATAAGCTCCAAAAGCGTACGAAGCTCTCTGTTACGACGCCAGAGGATGAGA AAAGCGATTCTGAGTAA

210	OON22441.1	1971	5237	ATGACCGAAATCAAATTCGTGGCGGAAGAGACCGATCTCCATTTGCTGGAGTGCCGCAAAAACAATTCGAAACCGAGAACATCCTGCTGCTTCTGACTGTGGGAGTCGTGGAACAATTGCGCCAAGTGCAAACCA CGGTGTTACCGAAGCTGCCAGCCTGAGCGAACCCACGCGCGTAAGCCGAAACTGGTCCTGTAAAAACCGGCTCCTACGAAGTGCAAGCTTCCGAGCCCCAGCCCCACAGCAAAGCCCCGGACAAAATTAGCCCAAAT TAGACAAAAGCACCTTCGTCAAGCCAACCCCGCGACTACCGTGAATATTAACAACCCACAGACTGTTGATCAGATTGCACATGAATGGCGCACAAACGATGCGCGTCTGCTACCTGGGCAGATCTGTATTGGGCCT TGATTGGGAGCCGTGAATTTAACACCGACGAAGCCAAAGTCAAAGCCCTGTTTAGCTGGTTGTGTAGCATTCCGACGGATCGCGATGCGTTTGTTACGATGGAAGAACTGGAAACAGGGGGTTAAAGATGGTGTCTGA ATTTGCCGATGAGGCGAAGAAATTGAAGTCTAAACGCTGTCAACGGATTGCGCAGAAGTCGTTGTGAACGAGTTCACGCGCGGTAAGAGCAGCTACCTGCGTGCCTTTGAAAGCTTATGCCGTATAGCGGTATCC CGTGTCTCATGGTAAAAGGCCTGGCAAAAGGTGTGGACTATACAGTTGGTATGAAACTGACGGACAGAAAATGCCGCCAGAACCAGGCGAGCAGAGTCCGATTACCAGATTCAACATGCGTGGAACGCCGCATA TATTGATGGCAAATGGGCGTTATTTGATTCCATGTGGGCAGCGGAGCGTCTGCCATGTCCGCCAACGCTCGTTTATCCAGATTGCGAAAGTCGGTAAAAATGGAGTATGAAACAGATATGTTTTACTTCAACGCCAA CCCGAGCGTTTTCATCTATTCCCACTTCCCATTCGAGGAAGAGTGGCAGCTGCTGAATCCGCCGATGACACTCCAGCAGTTTCAAGATGGGGTGTTGCTGAAACAGCATTCTTTACTCACGGCCTGGGACTGTTTTCC CATCAGGAGGGCGTGATTCAAGTGAAAGACCGCCTGATTGTTAAATTGGCCATCCGCGCAATTTGGTGAACTGCTGCTGTTTACCTTCAATCTGAAACTCGATGGACGTGATGAAATGTTTGAAGGAGTGAATCTG AGCCGCTTCGGTATGCACGAAATCAGCCCGCGCGATTGACTGTAACTTCTCCTTTTCGTTTTCCGAAAACCGGCGCCTATAAACTGACCATGTATGCTCGGAAGGTGCGGGATCCGTTATTCACCGACATTTGCGAGT ATCGCGTTGAGGCCAAAGGGCATGATTACGCTCAGCCCAGCGAAAAAACCCTGGCTCAATTAATATCCCTCCATTTCCGCCGACCGCCAGTCCCATATGGTCCCACCGAAAAAGCGAGCGACCTGAAGGTAAAAATCT TACCGCCAGATATGGACGCAATTGCAAAATCCACAGATGGGGTGTTGAGGTGCGGTTTGCATGACGAATCCGACGGAACAACTTGTCCGATGACAGCGCGTCTTAAAGCTTGTGTCATGAAACCTCTGAACTG AATGGTTGTATTCTGGTGCGCACAGTAGATGCGTGTCCGGCAACACTCTGAGTTCGGTGAAGTCAGGTGGCTCTACCGGCACAGTGGTGGGCCACCTGTGCCACGTGCGTTATCACCGCCTTCTTCCCTCGGCG GGCGAATATGCCCTGGAAGTGTATGGCGCACCGGCGAATGCGGACGAAGACACAAGTTACTTCTTAATTAGCCGGAATGCCCGCGGATCGATTTCCCAATACTCAGCTGCGTGCCGTAAGTCAGAAAGTAAAGCG CAGCTTGACAGCGAAATGTGCGTGAATAAACGCAAGAATGACTAA
211	OON17288.1_C	1989	5255	TCGATCAGCAGTCTGGTGGCGGGCATTGACGGCAAGGCGAAAGAGGGCGAGAGCAGTGGCTTAAAGAACACCGTCCACGTGGTTGTGAATGAAACCTCACTGTTTCTCAAAGATATTCGGGTGCGTGGACGTCTGTG TGACTACCGATCTGTTGGTGTACCTGCAAACCGACTTGACCCGGAGTCTGTCCAAACTCGTGAAGGACATCTTGAAGAGCTGCTGGTTCGCTACAACGTCGCAAAATTAATGGATGAGGCAACCACCCTGAGTAGCG GCGTGTCCCGCCTTCAAACCTTAATTGACTTCGTCAAGTCAACTAAGACTGAAATTGTGAACGGCATCAAGGAGCTGAAGAAGAAGATGGACTTACTTCAGAAGAAGTTACAAACCGACATGGAGCAACTCTGCGGT CACTTACAGACTCCACAACGTGATCAATGCAATAAGTTGTTGGAGAAGATTAAGCCATGAAGCTTGACTTCAATGAGACGCACATCACCTGAGTGACGACTTGATCCAGATTATTTCTACCTTTGGCACAAATCTGA CTGCCGTGCTGAACAAATTAACCAATTTAGAAACGAAACTCGACGAGCAAATCGAGAGCACAACTCTCAAATTTAGAGTAGCTTCAATCTCACGCAAGAGTTACAGCCGATGTTACAATATAGGGATAATTTAGGCA CGGAAGTGAGTGACCCCGTGATCCAACAATTGAATGAAGTAGAGCCACGGTCGACGAGGGCCTTAACCACTGCCGCAAAGTTTACTAAAAATCGGTGGATTATTATTCTGGTCTCTTACCGGTGCTCTGATCATCAT CTTAGTTTTCGGGATTATCGCCGCAGTTCAGGCAGCGAAGGATAGCCACGGCCCCAAGTGCTGTCTCTGTTGTGGCTGATCTTACCAGTAGTCTTCTGCTTCTGATTCCATTGTTGGTTTTGATTGTGGAGTGTTTG TTCTCCTGAGTGGTATTATACCAACGAAGGCTGTCGTTATGTAGGCAACCCGCTGGGGTCTGTCGTGACCGATGGTATCTTAAATCTGTACCTGAAGTTCCTGTGGCCTCAGCTGTTAAGCGACAAGTTCGTGGACCC GAGCATCAGCGTTATGCTTGACATCCCCGTGCCTGAGGACGTTCTCGATGGGATTTTGATGAAGTGTAATCTAGCGAAACCCGTGATCCTGGGCTGCTTCTAGCTTGGGCGTGGACCATTTTCTTAATGCGACAGC AGTCACCGAGCAGCCAGAGTATAAGAAGGCCATCACAGACGCGAGGAAGTATTGGTAACTAAGATCCGCGATTTTGATTTCGCTCAGTAATCCCTGATAATGTCAATGAAATTGAGAAGCTTATTCAAGAACTCG AAAAGATCCTTGGTAGCACGACCTATGAGCCCGCCATTAAGGAATTAGAGAAGGTGCTTAAGTACACAAAGGATGTACAGCATTGCTCGATCAGTTAGAAGAGTTTATCCGCAAGATCCATGAGCCGCAATCGACA AAGACCGTAGAGGCGACCATTCATGACATGCGTCAAGTGTTACGTGAAGCCGCCGGCTTAAATGATAAGATCATGGAGCTCATTAAACGCGTTCAAGGCCATGCAAGACACCAAGCAATTAGTACAAGAGGTACAACA ATTCGGTCAGACCCTGAAAGAAGTAGTAGCCAAATTGCAAGACAAAGAGCAACTTGAAGCGCCCATCCGTGAAGTTTACAAGTCGGGTGTAGACGAGACTACTAACATCTTGATCACGCTTTTAGAAAAGAGTTCAT CCGGGTATGCCCGCAACGTTCTAAGTGCGGTAATATTAATGCTATCGTAACCTCAGTCATTGGAGCAACATGTGTCTCAGACGGTCTTATCAACCGTCTCGGCGGTTTCTTCTCATGATGCTTTATACTTGTGCCCC CTTTTGCTTACAGTCTGTTCTATCAAATCTTCTTACGCCAAAGTGCGAAATCATGA

212	OON22569.1	2034	5300	ATGGGCCTTTGGACACGCGATAATGCTCCAGTTCGCGAAGCCAACCTTTATGGTGTTTCATAATTTCTTCATGGGTTTGAGTTTGGATGGCTCGGCGTTCCGGTGTGTTCTTCTCAACAGCAACGCGCAAGAAGTTCTTT AACCCCTTTGCCGGCTATTACATATCGGGCGATCGGGGGCATCCTGGACTTCTTCATCTTTACTGGCCGAATCCTATGGATGTGACCGCCCAATACCTTAGTCTGATTGGTCATCCACTGCTGCCACCGTACTGGTCCC TGGGTTTTCACTTATGCCGCTATGGCTACCGTGACAGCGAGGAAGTGCCAATACCGTTCGAGCGTAACGTTCAAGCGGGGATCCCGCTGGATGCGCAGTGGATTGATATCGATTACGATGGACGCTATCGCGTGTGG ACCGTGGACCCGACTAAATTCGGTGGTTTTGCCTTCTCTGATTTCGCGACACCTTTACAGCAAGTATGGCATTCCGCAACGTATTGATTGTTGACCCAGCAGTGAGCGCCAAAAATGACCAACGTACGTGCCCTTCTGG ATGGGTTGAAACGTGGCATCTTCATTAAACGATAGCCGACCGGACGTCCGATCGAAGGGGTAGTCTGGCCAGGTGATACAGTCTTCCCGATTTTTCGCACCCAGAAGCGGAAGCATGGGTATATACTTAGCAAGC CAGTTCCACAAATCGGTGCCTTTTCGACGGGTTATGGATTGATATGAACGAGCCTCGCTCCTTCGCGGCTGGTAGCAAACTAATTGCGACCAGACAAGCAGCCTGGACAATCCGCCTTCGTGCCGCTTGCTCTTGATC GTAGCCTTTATGCTAAACAGTGTGCCGCTGTCCTTACACCATGACAGCAGCGACTACAACCGGCACAACCTGTATGGCTATGATCAGCAGCGGTGACCCACAACGTTCTTAAACAAGTGTTCGCGGGGAAACGCC CATTCTTGCTGAGCCGTAGCACCTTTAGCGGATCTGGCTTATACACCATCCATTGGACCGGCGATAACTTAAGCAGCTGGCCGGACATGCGCGCCTCGATTGCTCAGATTATTAACCTCAATCTTTTCGGCATTCCAATG GTCGCGCAGACATCTGCGGTTTTCGCGGGAACACGACGGAGGAACTGTGCGTACGCTGGTCGACGCTTGGGGCGTTTTATCCTTTTTCCCGTAACCAACAACGATCTGGGTAGTACCCCCAGGATCCGGCGGTTTG GTCGAAGGCGGCCACCGAGGCGATTTCGCGACGCGATTTCGGCTCCGTTACCTGTTACTGCCATACATGTACAGTTTGTCTACCGGGCTCATCTGAACGGGACGACGGTTCGACGCGCCTTAGCGTTTGAGTTTCTGG CGATACAAACTACTCACAACGTGAAAGAACAAATTCATGCTGGGTAGCTGTATCTTAGTTACACCGGTTCTGGATGAAGGTCGTACCGATGTAACAGGCTACGTCCAGCGGGGTATTGGATTAACCTATCAACAGGTCG TCGCGACTACAGCACCAGGACAGGTTAAATATTTCCAGGCGCGGTTGAACGTGATTCCGATTCTGGTTCGTGGCGGCTGTATCGTCCCGTTTCAAAGTATGTTGAGGTACAGAAAGTTTCGCGTAAAAAAGGTATTGCC CTTCTGGTGGTGTGTCCACCATGGATGACGGTACCTCCATGCCGAGACGGGACGGCTAAAGGGGAGCTTTTTGGGATGATGGCGAAGCGGACCCCTTGAAGTATGTGTATGTTAATTTACGGTCGCAACCCG GAACCTCATATCGTTCCAAAACCGCTTAACGATAACACCGTTCAAAGCATTGATCCGACGGAAGTCAAGATTAAATCAATCTGATTATGGTCTGAGCCAGGAACCGAAACAGTTCTGCTGAATCGTGCTCTGTGG CTTATAGCTTCGACGAGAACCTGCAGACCGTTCTGTGCGGCTGTCAGAATCAACTCACTTACCTCGATGGTCACGGTGACGTGGGAATTTAA
213	OON23076.1	2106	5372	ATGGCGGATCTGTCGGTGTTAGCTCACGGAATCCCTCTGAATCCGCTGCCGGCTGGCGTCTCTGATCCGAACATCGCGCAGCGACCGGCCTTAAACCGCAGCTGACGCAATGGAAAAACGCATGGCTGTTGCT AACGCTCTGCGCTATATTCGGCGGAAATTCATGAAGAACTGGCGACCGAATTCGAGCGGAACTGGCAACCCATGGTCACATTTATATGTACCGTTTCGGCCGGATCCGATTCTGCTGAAAGCACAACCGGTAAGT TTATATCCAGCGACCTGCGTGGAGGACGCCGCTTATGCTGATGATTTGTAATACTGGATCGCCAAGTTGCCAATTTCCGGACGAACTGGTAACCTACGGCGGCAATGGCCAGGTCTTCAGTAAGTGGGGCCAG TTTTGGCTGGTGTGAAAGCGTTATCTAAGCTGTACGCAAAACAGACCTTAGTGTTGTACTCAGGCCATCCGTTGGGACGTTCCCTTCTCACAATAGGGCACTCGCCTGGTGTTCAGAACGGTATGCTGGTGCCAC GTCCGGGCTGGAACAAGGCTACCAGAAATGTTTCGCTTAGGAGTGACGCGATATGGCCAGATGACCGCAGGCTCCTTTGCTATATTGGCCCGCAGGGTATTGTACATGGGACTACGCTGACCATCATGAGCGCG TTTCGCAACCGTATGGCATTGATGGGAACGATACTGGCTCCTTTAAGGGGCGCGTCTTTCTTCCAGCGGTTTGGGTGGTATGTCCGGCGCGCAGGCCAAAGCGGCCGTTATTGTGGGCTGCGTAGGAGTGATCGC TGAAATTTCTGAGGAAGCCCTGAACAAACGCTTTGCCAAGGTTGGCTGACCGAAAAGGTGACCGATTTGGACAAGCTGGTCAAGCGTATTTCGCGAATGTCGGGAAGCGAAAATGGCGATCTCGATCGGCTATTTAG GTAACATTGTAGATGTCTGGGAACGTTTGCTGAAAGAATATCAGCGCACTGGTGAATTATTAGTAGATGTTGCATCGGATCAGACCTCTGCCACAACCCATTTACGGCGGGTATTATCCATGCGGCTACACATATGA AGAATCTCGCAATTAATGAGCCGCGATAATGAGGCGTTTTCAAAAAGCGGTGAAATTTCTGTTGCGCAAGCAGGTCAACGCGATCAATCAAATGGCGGAAGCGGGAGTGACTTTTTTATTATGGTAATGCCTTTCT GCTGCAAAGCAAAGTGGCGGGCGCGGATCTTGAACCCACGGAGGAGCAGCTTGTGAAGCTAATCGTAAACGGATCCGTAAGAGTTTTGCTACCCGTCATATTTTCAAGACATCATGGGAGATATCTTCTCATGG GGTTCGGCCCTTTTCTGCTGGGTCTGTACATCAGGTCTGCCGAAGATTGAAGCTGACCGATAAACTGGCCGAGGCTGAGCTCGTGTGCTTACTGGCCAGGAAGGGCTGCCCCAACCCATCCGTAGCAGTATCTCG ATAATCTGAATTGGATCCGTAAAGCCGACGGCCATAAACTGGTTGTGGGTAGTCAGGCTCGCATCTTGATTCCGACGAAGCAGGTGCTATTGCTATTGCCAAAGCGTTTCATGAGGCGGTTTCGGAGCGGTAAACTCA ATGGTCCGGTGGTGTGGCGGTGATCACCACGACGTGTGGGTACCGATTCCCATACCGTGAGACCGCGGATATTTATGATGGTCTGCCGTGTGTGCGGACATGTCTGTGCATAACGTATTGGAGGCGCCATCC GCGGTGCATCCTGGGTGTCACTGCACAACGGGGGGGTGTGGGATGGGGTGAAGTTACTAACGGTGGTTTTGGCCATGTGCTGGATGGTACCGACGAGTCTATTAAGAAAGCGTGCCGTATGCTGAGCTGGGATGT TACAAATGGGATGGCGCGCCGCGCATGGGCGGGGACCCACTGGCCGTTTGGCTTTGGAATATGCCCGGATCGCGATCGTGTGGCAAGCGAAGACCGTCCAGATGTTCTATGCCAGTACTGGTAAACGATGCG AATTTGTTAGACCGGGCGCTGAATGCAGCGTACAAAGGCTAA

214	OON21890.1	2118	5384	ATGGAAGCTCTGCCGCGTCGTCTATGGAGGTATCCGTTGGCGGCTATAACAATAAAGAGAACCACGCCACGGATATGCACGTGCAACAGGGGAAAAATGTTACAGCTGGAACGCCTCTCAAATCGCTGGCACGCCGGC GAGTGAGGCTGCTATCCAGCCTACTCAGCGTCAACATCCGTATTACGCGGCGGATTTTGGGGTCCTGCGTGTTACAGGAAGCCATCCGTACCCGAAACCGCCGCGTCCGACGTCGCCACCGACGCTGTCTCCGTGGA TTACCAGCCGTACCATTTCGGAAGATGGGTTATCCAGAGTGATATCGTGCAACGCCGTCTGAATCTTGTCGAATGCAATGACCCCGAGCGGGTCTGAGGTGAACGTACATTGTGCTGGCTCGGTTACCGGTGCCGCGAC CCCGAGTTCTCAAGTATCGGGCGATGTTCTGTCGCTTGCCACAAGCCTGGATCGGGCGGACGAGATGGGGATTGAATACCGTGACCAACCAACGTTTCGCCGCGCACAGACACTTCGTACTGACTATGCGAATCGCCT GCGCGAACGTGTGTTGCACTGCGTGCGAACACAGGCGAGACTCAGGGTGATGGCGGTACCTGCGTCCACGTAAGCTGCGCACGAAAAAGAGACGTACGTTTGTAGCGACACCATTAAATTTCCGAAACTGTCGT TTAAACTCAGCAAACGCCAAAAAGAAAAAGCCCGGCCCTGGTTCATAGTGAAAAATCGATATGGTAATCCCACGTCTCAGCCGAACCTTCGTCTCTCAGCGCCGACGACACAACGCTTCTGGGTACAGCAACAGA TCACCAATAATTATGAAGTCGGTTATAACGAGCATGGAGGGGGGAAACCGGAAGTGTGCAATCCGAAGGTTTTTGGCCAGTCGGCCTCCGCTGAAGACTGGCCACAGTTAACCTCGCTGGTTAGTATGGCTGGC AAGCATTATGGTGATGCTAACTTCAGGTTATCAGCGAAGATTACGCGGCGCAGGAATATGACCTCAAACTACCACCTATATCTCGGGGGAAATTCGCGGACAGCTGGAGCAGAAAGACCGGAAGTAGAGCAGCTTCA GGAAGCGCTGCGGCATACCCAGACATTCTTGGTGCGGTGGGACTCCAGAATCAAAGTCAGCAAACACAGCCCTGATAATCTTGACACATTGCAGAATGCATTGGCTCTTCTGAACACATGTATTGCTGCGCTC GGCGGACTTACAAGGCCATTTTGGCCTTTTCAGTACCAACTGGCGAGCTTTGAGACGCGTTGTTGGCGCAATGTTGCACGCTTTATCAATTGGAACAATCTGCTCGTTATCGGGGGGGCGTCCGGCACCCACGGAATA CATTAGATCGCGCCGGCGCCGAGCACTAACTTGAGATTTTCTGTACCTACCGTTGCGTGCATATCATGCTGACCAACTGGTTAGATCGCCACCATACTAACCCGCACTGGTGATTGCTGCCGACGCGAACCATCC AAGATCGCATACCAACCAATTTATTTGTGTCTAATCTGGCTAACTGGTTAGCATCAATCCTTTTTCTTCCCATCCGCTCAACACGCTGTTTCAACTTGGCCTGCGTCTGGCGGTGCTGCTTACCTATGACAGCTGTTTA ACTGAAATGTGTTCTTACCAGAGTCTGAAACCGGTAACCAAACTCGAAGAGATCATCTGGGTTGGAGCACTTCAAATTCGTTGCCATGTTTCATTAGAAGAACAGACTAAAGAACCATCGCCTCCGCCGCGCCG AATCCGTCCACCGCCGATGAAGGGCTGATGGAAGATGGCGTTCCGTTAAACGTGCATGAGGGTACGACCTTAGAAAAATGGAATGCCGTGGCCGAACCTGCAGAAACCGGACGAGCCGCGACCCGTCGTTGATGACC TGGTAAAAGAACTGTGTCCAGAGTATAACAGCGTAGAAAGTGCAATTGACGGAATGATCAACAAGGTGTACGAAACCGTGACTGAACAATTAACCCAAACGGGATTGGTTGCTGTCTGCTGAAATCCGTGCGCGCG CCTGATTGGTTTGAATGCTGGTAGCACGGATTGCCGTCAATAAAATTTAA
215	OON21719.1	2160	5426	ATGCAGGTTGAGCCTCTCAAATCCCTGCAGCAGAAAAATCATTAAACGATGAAGCTAACCGTTCTTTCACTAAAAAACCTTAACGAATCGCATTGTTGATCAGTACGCTGACAAAAAACTTCTTTCGGCGGCAGTCTGG CGCAATGCGTCTCTCATAATGCGCGCAACCCGCGTTGATTCTTCCACGTGCTGCGACCTCGATGCCTACGAAGCGTCCGTGAATTTTTGACGCGGTTATCATCGATTATCATAAGGTCAAAGGCGACAAAAATTAC CCATCCTAAAAGCAATTTTGGGGACTTGAATAGCCTGAACCTCAAAGATCTGAACGCCGATGGAACATGGTGGTCTCAACGCGCGTCCGTTTGGGCCGTACAGTCGACAGCTATGGCTTTTGTCTACGATTAGTAA CGAACAGCGTTTGAACCTGGAGAAGAAAGCCTCAATCAGCACCGCACTGAAAAATCTACCCGCGCAATATAAAGGCACTTACTATCCTCTGACCGGTATGAAAGAAGAAGACCGCAAAAAAACTGGTGAAAAACAT TTCTGTTCGCTGATGATGATAGTGTCTGCGTGACGCCGGCGGTTACATCGACTGGCCCAATGGCCGCGGAATTTTCATTAACGACAAAGAAAAATTTCTTGTGTGGATCAATGAGGAGGACCATATTCTGTGAATCT CAATGCAAAAGGGGGGCGACCTCATCGCGGTGTACAACGCCTGGCTAACGCAATTAGTGAACCTGGGCAAAACGCTGACTTTTGCCACGTCCGATCGTTTCGGTTTCATCACCTTTTGTCTTCAATTTAGGTACCAC CCTGCGTGCGTCAGTTCACGCGCGTGTGCCGTATCTGAGCGCATTACCCAATTTGCAACAGATTTGCGAAAAATACAACATTAGGCCCCGTGGCACCCATGGGGAACACACTGCAAGTGTGGTGGGGTGTATGATT GAGTAATAAACGTGCGCTGGGGTTGACGGAAATCGAAGCAGTAACAGAAATGTATAACGGTGTTCAAGCGTTACTGGATTTAGAAAAGCAGTTAGCGGACTATAATAAAGATGCCCTGCCGGCGTCATGCCGTT GAACCGCTCCCGTACCTGTGCGGTCTGCTGGAGGCTGCGGATCCAGTGAAAAACTACACTCGCAAACATCTGACCCCCGAAGTAATTAATAAATACGACGGCGTTCTGTACGACCATGGTGCACCGTGGCCATAT GGTACGTAATGGTGCGTATAACCCGCACTCTATCTGCCCCGTACGGGTGAGGCGGAGTGTTATACCAAGTTCGTGGATTATCTCGATGCCGTGATTCTGGATTACCATGGTGTGAACGATCCCGCGTTTAAACATCCT CCACCGACCTTCGGCGACCTTAATAACCTGCCGTTCCGGTGATGTAGACCCTGAGGGCAAAATTCGTGGTGAGCACGCGTGTTGCGCTGGGGCGCTCCGTGATGGGTTCTGTTCTCCACAATTATGAGCAAGCAGGAT CGTTTGACCTGGAACGAAAGTGTGACCGCGTTAAAAAGTCTGACGGGTGAGCATGCTGGCAGCTATCATCCGTTGCAAAATATGTCGGAGGCAACACGTAAGCAATTAGTGGAGGATCATTTTCTCTTCAAAAA TGACGACCCTGTGCTTCGGGATGCAGGCGGCTACCGTGATTGCCCACATGGTCGGGGCATCTTCATAACGCGAAATAAACCTTTTGGTGTTGGCTTTGTGAGGAGGATCATATGCGTATTATTTCTATGCAAAAAGG CGGCGACTTGGCGGCTGTTTATAAACGCCTGATCCAGGGTATCCAAGCGATCGAAAAAACTCTGCCCTTCGCGCATAGTGACAAATACGGCTATATCACGTGTTGCCCGAGCAATCTGGGACACCAGATGCGTGCTAG CGTTCTTCTAAGATCCAAAACTTAGCGCCAGAAAGCGAAACTGGATGAAGTTTGCGCCAAATATCGCTGCAGGCCCGCGGCTTACACGGTGAGCACACCGAATCTCCAGAAGGTATTCACGATATCTCTAATAA GCGCGCTTGGGCGTACCGAACTGGAAGCAGCAAAAGAGATGGCAGATGGTGTGGCGCAGATGATTGCTATGAAAAAGTCTGCCGTGA

216	OON20055.1	2205	5471	ATGTGCGAGGAGGTGGACATTAAGTGGGATAATATTCAGAAATATGCTGGTATCGCGAACGTGCACTTAAACACGCGGCGGACTACCACCGTTTTTACTATCGCACCAAACTGAATGTAAAAATCCAACAGAGCGGTGAAGAGGTCTATAACGTGTTCCGATGCGAGAACTGGGAACACTGCGATGGTGTCCGAGCGAAGCAAGTCGCCTGAAAAATATCTGAAAAAAGCCTTGACGAATTTGAGTATTATGCACGCGAAGCGGAGAGTCTCGCGGCACAGGCCCATACGATCGTGCCGATTTATATGCGTTCACAGCCGCTGCTGACCCGAAGTGAAGGGGTGATGTTGTGCGACTATGATGTTGGTGAGTTCAGCTTCTTAACCGGTGATCGCGTCTGTATTATGTGCGAACGTTGAGCAGCCCTCTGTGCGAATTTACAAGTGTGCGAGCTGCTCCAGCGACTTACAGCGTACGATTAACCTCTGAGGAAGAACGCCGCGCGGAGGTTGCGGAAGACCATAAGCATGAAGGTGGACCTAACTCGTTGGAAACTCAACTGAGACTATCGAAATTTGAGCGTTGAGGACGCGCCGTTTCTTATTTTACCCTGTTATCAGATGTTGGATACGCCGTCTCTCCAGTCGGGCACAAACGCGCAGCGCTTAACGGTGAGTCCTTTTGGCGTATCCGCGGTATCAACAATACGGTTGAAGCACTTGCCAGCGGTTGCGTCTGGATCACCCTCCGACACGGAAGTACGCGTTACCGCGGCTCGGTTAAAGGAGGAGTCTGATTAAATGGTCATCGCCATCGATGAGCTTCTCAGGTGGTCTGTGACTTCATTAAGCAATTTCTGATCCGTATTATTGACAAGGGTGAATCCGCGTGACGGATGGTGTAGCCTGACGCGCTTTTCAATTTGCTCGAAGATAGCTATGATGTTTTGATCGCGGGGAATTCATGAAGAGATTACAGTTTACTGACGACCGCTCGCGCTCTGTGGCGCCCGCTTTTCTCGACGAGCTGGATGACGCCCCCTTTGCGTTACGCGCTCAGAGATTGCCATTACATCATGTATTATTGAGACGCTGCAAGCTCACATGCGGTGCTGACCGCTATTTACCGCGCTTTACCACCGAAGTGGATAGCGATTGGATGGAAACCGTGTGATTCTGGAACCCGCTGCTGCTGGTCTCGCCATTAACTATTCATGAGCTGGCGAACACGGATCTGTACCGGTACGCCATATTATGAAGAATTGCATAAACTGCGTATGGCGCATTGGGAGTACGTTCAACCTACGCGCCAGCACAAACCGGAACAGACGCTGCTGGAGACCACGCCTCTCCACGGTGGATAGCAGTTTACGCGATACCGAAATCAGCTCTACCGCGAGTGAAAAACGCGAATACCTGTACCAGCGGCCTGCTCATGAAAGAGACGCTTATTCAGCAGAGCGAATGGGAGAAACGCGAATATCTGCGGAAACGGCTCCGCGTAAATCAGGTCGATATCAAAAAAGTAATGGACATTACGGAAGCCCTGAAAAGCCCGCGCAACGATTTATCGCACCAAGAAAAACATTGAAATGGATGAACGTACTCAACGTTATACGTTGTGTATCTGGAGGTTAACCCGACCGAAGAACCGGAAAACTGGATGCCGCCACGGAAGTGAAGCAGAAAAACCAATCCGACGGCAATTGTTGAAAAGGAACTCCGCAACGTAAAAACGAAAAACAACCGCGTTCAAGCAGCAACCCAGAAAAACATTACCTTGACAGAACCGGATTCAAAGCCGGAAGAAAAACAACTGCGCATAAGAATGTGCGGACCGAAGAAAAAGCAAACTAAAGATACGGGGACAATGCATCAAAACCAACGCAAAAGAACGACCAACAGACGGAACCGATACGTATATCGAACCGGATATCAACAGTCAGAGAAAAATGGAATATACGCCCTAAGATTGAAGAACCCATCTCAGAAAAATGACGCCGTCCGCCATTCAAAACAAAAGCCACCGGGTGAGCATGAAACAGATCAGATTTGCTACGAGAATCAAACGCTCCCTACCTTAACAATTGAACAAAAGACGACCAATATATCCCAGCGTGCGGGCCGAAAGCGTCATTATCTGTGGCGTAGTATGCTAA
217	OON22462.1	2256	5522	ATGAGCAAAATTCGATCGCGTGGAGTTAGATTACCATAAATTAGAACAACATCGGCATTTATGTAGTCGATTCCACAACCCGAGTTTTTAAGTAAAGAGATCAAGCGTGGTGCCTGATCTGTTGCTTCGTCGGACCGCGTTGCCATGCAGGACGCAACGGCGCAGATGGCAATCTTCAATTTGTGTCCAGCGGTCTCCCGCGTGTGGCCGTGCCACCACCGGTACATTGCGATCATCTGATTGAAGCAGTGATGGAGCCTCCTCCGATCTGGATCGTGTAACGTTAGTAACAAAGAAGTATACGACTTTCTTCAGAGTGCCAGCGCAAAATATGGTATCGGCTTTTGGAAACCCGGATCCGGAATCATTATCATCAGATTGTTCTGGAAAAATATGCATTCGCGGCGCCCTGATTATCGGCACGGAATCACATACGCCGAACGGGGGCGGTCTGGGCGGGCTCTGTGTCGGTGTGGAGGAGCGGACGCGGTGGACGTCATGGCAACCTGCCGTGGGAACTGAAAGCCCCAAACGTGATCGGTGTGCACTTAACCGGCACGTTATCGGGTTGGACCAAGTGCAGAAAGATATTATTTAAAAAGTTGCCGAGATCCTTACAGTAAAAGCGCGCACTGGAAGCATTGTGCAATACTTTGGTCCCGGTGTTGAGAGCATTTCCTGCACGGGGATGGCTACCATTTGCAACATGGGCGCGGAAATCGGCGCCACTACTTCGGTGTTTCCGTTTAAATGATCGGATGGTGCAGTTCCTCCGTGCTACCAATCGCGCTGGTATTGCTGAATTAGCTCGGGAACACAAGACACCTTGCTGACCGCGGATAGCAATTTGTAATACGATCGGGTATTGAAATTAATCTGGATAAACTTGAACCGCATGTGAATGGTCCGTTACCCAGATCTGGCGCATCCGATCAGCAAGTTAGGGGAAAAAGCCAAAAAGAACGGTTGGCCGCTGAGCATGCGGCGAGGTCTATTGGTAGCTGCACGAATTCGAGTTATGAAGATATGTCGCGTGTGCAAGTTTGAAGCAAGCAGGCTTGGCTCAGGATCAAGTACGTAGTAATTTTTTGTGACTCCTGGTAGCGAACAGATCCGTGCCACTATTGAACGTGATGGCCTGACGGATATTTCCAGAAGGTGGGCGGCGTCTGACTCGCAACGCTTGTGGGCCGTGCATCGGTCAAGTGGTCCCGTAGTGAATTTCAAAAAAGGAGAAAAAATACGATCGTTTCGTCCTACAATCGCAATTTACAGGGCGCAACGATGCAATCCGCGCAGCGACGCTTTGTGACCAAGCCCGAAATGTACCGCCTTAGCGTTCCGCGCGGACCTGTGCTTCAATCCACTGACCGACGAGCTTACCGCCGCTGATGGTAGCAAAATTAAGCTGCAACCTCCGACCGCGATACCTGCCGAACCGTGCTTCGATCCCGGTGAAGATACGTATCAACCGCGCCGACCGATTCTCAGGCATTACTGTGAAAGTGGACCCAACTCACAGCGTTTGAGTTACTGGCACCATTCATTAAGTGGGACGGCGGTGATCTCGAAAAATGACCGTTTTAATTAATTAAGTCAAGGCAAAATGTACGACTGATCACA TCAGTGCAGCGGGTCCGTGGTTAAAAATATCGTGGACATCTGGACAACATCTCAATAATATGTTTCATCGGCCTGCGTGCCTGTGCTTTGATTCTAGCAGCGTGTGCTTTTCCCAACAGCGCGGTCAATGCAGAAAA TAATGAGATGAATAAAGTAATGCACCGTCCGAGTGGCACATGGGATGCGGTGCCCGCGTTGCCCGCGTTACAAGAGTGAAGGTGTTGCTTGGTGCCTGATCGGGGATGAGAATACGGTGAAGGGAGCTCTCGCGAACACGCTGCCCTGGAGCCTCGCTTCTTGGCGGGCGTGCAATCATTGTCAAATCGTTGCGCGCATTCATGAACTAACTTAAAAAACAGGGGATGCTGCCTTGACGTTCTGTAACGCTGCCGATTACGACAAA ATCCAGCCAAAGCGACAAGATCAGTCTGGTGGACTTAGCGAACCTGAAACCGGGCCAGCCAGTTGCTGTATTATCCATCATGAGATGGGAGCGAAGAAACAATTAGTTTAGCACATACCTTCAATGAACATCAGCTGGGTTGGTTTCGCGCGGGTTACGACTTAACCTGATGCGTGAATTTGGGGGCTTGA

218	OON22327.1	2259	5525	ATGAGCGAATCGAGTGGCCGCAGCAAACAGAGCTGCTTGGCCTGCTGCGAGAATTACCTGGATACCGTTCCGGGTTGGGGTTGTGCGGAAAAAGCGCTTTCAGCCGATGTGGAAGGTCTGCTCAAAACCAGTTTAC GCCGTTGCCTGAAAGCCACCGATCTGGTTGCGTATGGCCTGGGGATGCTGATCGAAGGCGTGAACAGGGTGAAGTTGAATGGGAGGTAACGGGTTTCGAGTTTACGAAAAGATTATCTCTTTCGCGCATATTACC TTGCGCAGTCGCGATTACATCCTTTTACCTTGGGCTCTTCTGATCTGTTTTAGCATCCATGCTCGGTGGAAGCATTTACGTGCTTACCGGCGCCGTTATGCAGAAAAAACGGGTCCCTCAGTATTTCTGGCTTACCTT GTAGCGGGAAGTGTGCACTGCTGAACAGCTTGGTATACAGCGAACTGGCTTGTGCACTTCCGAAGGCGGGTAGTTTCGTATAGTTATGCTTACATCATGCTCGGCAGTTTATCGCGTTCTGACCGGATGGTCTATT TTACTGGAATACATTTTGGGTACCGCTACCGTCGCGCGGGGCTGGTCGAGCATGCTGGATGGCCTGACCGGGGGGAAAAATTAGCGATTGGATTATTCGAATGTTGGTCGCATGGGCAACCCGGGGGATGTTCTGGC GGAATATCCGGATTTTCATCGGTGCAGGCTGATCATTATTTTTTCAGCGATCGCGTGTGTGGGGTTCGCGGTGGAGCCCGTCTGACGGCCTTTTTTGTGTTGTCTATATCGGCGTCTGAGCGTGACCTCGATTAT ATGTTTCGTTTACGCTAATGGCTCTTTATTTACCGGCGGTTCTTCCACGGTTCAGAGACGGATCCGAATAGTCCGAATGTGAATTTTCTGCCCTTGGTGTGGTGGTCTGGTGGGCGGCGTGGCGATTGTTTTAA CGCGTTTATGGCTTGGATGCGATTAGCGCATGCGCTGAGGAAAAAAAAGCCTGTGCGACCTGCCTCGCGCAAATGTATTAGCAGTGACCACTGTGACCCTTCTGACATCAGTTGCATCACTGGCACTCGTACTG TATTATCCGTGGTTTTTGGTCTCACCAGAAACACCGTTTTTATCGGGTCTCCGCGATAATCTGGACGGGGGGCCGTTGAAGCGCGCACCGGGATGTTCTACTTTGTTGGCATTGGATGCTTAATTGGCTTAACGAGCA GCTTGTGAGTAGCCTCGTGGCAGGTCCGCGCGGCGCATATGCCATGGCAGAGGACGGCTGTGCTCTACTTTCTTGGCAAAGTTGCCACCCATTTAAAGTGTGCAACGTGTTATTTCCCAAGTAGTGTCCCTCGT TCTGACTTTCACACCATCATCGCGACAATTTTCGTTGCCACCTGACCATATCTTGGACATTTTGTTAGCATTGTGAGTCTGGCGGATTTCTTTCTCTGGGTACGCTGATTGCGTACTCTATGGCGAGTGTGGTCT GTTAGTCTTTCGTTATGCTACACCCAGAGGAGCGGGAGCTCACGAAATCGTCTGAGCTTCCAGACTGAAGGAAGTGAAGCAGAATAACTCTTCGCCCCAGTTGGTAAACACGGTGGACCCGTTGATCATGC GTACTGGCCAGCCTGGATATCTGAAATGTTATGGGCGAAATGCCTGCCGGTCTCAGTTGTCCGCATCTGAACAGGGCCATCGTGGTATGGTGGTGAATAATTCTGATTCCGATCTATATTGCCTCAACGCCACGG CAGTCGGTCTGATTAAGACCGGCGCGCCGGAGTCCGTATGGCCGATTGGCGCTGGTGCTCGTGCCTATCATGCTGCTGTTAATGGCCCTGTGATTGTGTTTATGGCTCGCTTCCCAACATCCGGCCCCGCGCCA GGAGCTGTTTCGTTTACCACTGGTTCCTTTCTTCCGTGCGCCACCTTGACCGTGAATATGTTTTAATCGCGAACTGTCAGCGATCACGTGGATTGTTTTGCAGTTTGGATCGCGGTGGGCTTGCTCATTTATTTTTT TTATGGTGTTTACTACAGCCGTGAAGCAGTTGCAAATCGTAAACGCCTGGCAGATGAGGAACTGGCGACCAAGAAGGGGTCAACAAAATTCCGGCGGCAATGAATGCTAAAACCGCAGGGCTGGCCGAGAATACC GTTCCCTGTCCTCTGAGATTAAGAAAGGCCACTTCAGTAA
219	OON20739.1	2328	5594	ATGGTGATCCAGGAAGTTTCGCGAGTTGGAAGTTCAGGTGTTGCAATGGGCTCGTCAAAACCGCACCGACATGCTCAAGATTCGGTTACAGGATCATAAAGTAAACGTGAACATTCAGGACAATTTTAAACGTACTCCC CTGCAATTTTTCGCGCTCAAGCGGTAACTGGAACCGTGAAACTGCTGATTCAATATCGCGCCACCATTTGACGTTATGGATAAATTTGGGATTACCCCACTTATGTGGTCCGTTTACAACAACCACAAAAAGTTAGCA TTTATCTTCTTGATAATGGGGCAAAATATACGAACTGACTAAACAGGGCCAGACGATTATTCATTTTGTGGCGGAGGCAAAATGCGATTGGCATTCTGAAATACCTGTACCAGAAATACCACATTTTAAAAATTGACGA ACCAGACCATACTGGTCTGACACCGTTCCTTGTGGCAGCGCATCGCGAAATCAGACACTGATGGAAGTGTTTTACAACAGCGTTGCAATGTGCTGCAGAAGGACCGTCGCGGCCGAGTGCCTGCATCTGGCGG CCTGGAAAGGCCATATGGGCGTGATGGCATATTTACTGAAGTGCCTCAAATGCTGGAAGTATTAACGATCTGGACAGTCAGGGGCAACTCTCCATTACATTACGCAACTGATCTGAACAGCAAGAAATCGTGCGTC TGCTGCTTATCGCAGGCGCTAACCAGGATATTACAGTGAACGAAAGATACACCCCTTATCGAAGTGTACGCCTGGGCTATCACACTTGCAATTGAGACGTTGTTAGTCTACAAAGCTAACCAGCAAGCAACGACCA AAAACGGCAATTCGCGCTCCACGAAGCTACGCTGGCCAATCTGCCGGATACGATTTATTTCTGATTGCCACCAAGTTTGTAGTAGAAGCCACAAACAACCGCGGCCAGACCCCGCTTCATCTCGCTGTGGAACAGA ATAAACTTGAAACAGTTGAGGCGCTTCTGCTGGTGGGGGCAAGTCTGGGAGTTAAATGTAAGGATGGCATCACCCCACTGGAAGTTGCAGCGCTGCATCCTACTCAACCTGGTTGATCTGATTATCCAAGCCGATC GTTGGCGTGAGCAAAATCCAGACGAGGTGATCCAAATTCGGAACGCTTCTGAATCAGGATGACGGCGGTGACCGGATGACCCACGATCTTGATATGATAAAGGCTACTCAGCCAATGATTTTATGGATAATCAT GATTATCGTCTGTACCTGGACGGCGGCCAGGCAACAGAAAGCGGATCCAGCTCAGAATGGCGGGGTTCCGGGAGATCTGCCCGGTGTTTATGAAAACCCAGTCGGTTTGGCAGCGAAGTCTTGACCGAAACGG ACTCGAAACCGACGTTGGCTACCGCACCCCAACCTCAGTACGTCGTGCCTCTCAGCCTACCGCACAGCAGTCAAAAAGTAACAGTACGTTACATAATCAGGTGGGGGCTGATTCCCATATGAACGAATCGAATTTCA TGGATCCTTTTACGATTTCCCGATCGTGCCACCGTCGACTTCTACCACGCGCAAGCACCGATTGATAGTTTTAGCCATTCTGATAACTACAGCGATGAATTATCGTGGGATTTGAGGCAGCTCGCGTGTGGGATGG AGGCTCCGATCGTACAAATCAACACGCCCTGAAAGATGATTTACTGTGACCAACTGGCATCAGTTTGAAGTTACACGATACCAATGTAGCCGCAATCTCGGTCTGGGCAATCGTAGCATCGTAGGTACAGGAACAAGT ACTGCCGAACGGTGAGGTCGTATCTGCCTCGGCAAGAACTCCATGACGAATGGTAGCTCGGCAAGCGTTTCGACCTTCTATGCCCTCTCGGAGGAAGGACAGTTTGTCTGCTCATGTGCCGCCAGCCGTACCGCG AGGAAATGAAAGTATTGTTTTCAAGTTAGCGAAAGAGTATTCAAAACCAAACGATTGGAAAGCTCTCGCCGCCGTTTGGAACTTTAAACAGGAGCACGTGAGCGCGATTGAATACCAGGATACAGGAAAACATTCT TATGAACAACACATATCGCCTGATGTGCATTTGGCTGCATGGCCTGGATGTCGATCAGTCTCCTCTGAACGAATTATACAAAGCCCTGGTGGCAATCCATCGTACGAACTGGCTGAAAAATTACGTAATCCGTG GAATCCCGTAAAAAACTGAAAAAGGGTTGTCGCGTTTCATGTTATTTTCATGCACAGTCTCGGTATTCGCTGGTCTGAGTGGCGAATTTACCCGACCCGCGAGAAAAAGTACGGCGGGCTGA

220	OON21817.1	2382	5648	ATGCGCCGCCAGGAACGCGAAGCACTGGAAGAACGGCAACGTGCGACCGAACTGGAATTTGCCCATCGTCTGATGACTAAACCCGAAGAAATGGCCAGTGATCTGTGCCGCTCGAGTCGGAACCAGACTTGGTGCAAAACATTTGCGCTCCGAATGTTTTCAACAAAGATGCCATTAACCTCGACAAAAAACTTTATCAAATCGATGTCGCGAACGCTCGTATTAGCACATTGAGCCGTTTAAGTGGTACGGCCATTTTGGTTAAAGACTACCAAGCCCTCGAGTTTCTTGAAAAATCACACAACGGATCCGTAAACAGAACGTTACGCTGTTTAAAGAAGCAGATAAAATACCTTACGCAGTTTAAACGGGGATCCAAATCTGTTACTGAACGATCCGAAGGAGAAAAACAAGCTTTCGGACTGGAAGCCGCGAGAGCCGTTATCCGACAAAGATTATGTTTGTGATCTCCGATGATGACGACCAAGATTCTGAGAACCTCCGCTGGGAACCTGAACAGTTTGAGTTTTAGCACGGACAATAGCTCCACGGAAAGCGATGATGAAGGCCCTACCCCTGAACAGGTTGAGCACTTAGCGCACGAAATTCGGAAGCCGAAGGTACACGCTTTAAAAAGAACTGAAGCATAGCTTTCGTAGTAAGCATTGCGATGAAGATAACAA GACCGCGCAGATGCCGCCACCTCCTAACCCGCTTGCCATTCCAAACGCGCTTGTGCGCAGCCATTCTACAGTACCTAATGGTCTGTGCGAACAGGGCTCCATGATGAGCTCGTCCAGTTCGTGATGCTCGGCGACCTCGATGCCGAGGATCGTGAATCCGTCGATTCCC GCGCGCGGGTACAAAATCAAGCCATGCGTCCAACTGCCATTCAATCTCTGTGCTGACCGGCCAGCTGAGCTGGCTGGTGTGCGGAATATATTGAACGCGATACGTCTACCTATAAATGGGCTACCGAGTTGATTCATAAAATTAGTACGATGTC CGTGAACCGTGCACGCTGGTTAAACGTGCATCAGCAACTGCGTGAAACTACCGAACTGCTGTATAAACATCGGGACAAACACAACGCATCTATAAATCTAAGACCGCGAAAGGCGAAATCGCGTGGAATCGTCTTCAA CTGACGTACGTAACGACGCGTGGCTTCGAACGATGGAGATAATGCCACTGTGACCGCGGAAACGGCTCGTAAACTTTTCGCGAACGGCATGGCGACGTGCTGCCAGAATCTAGTCA CCAGCATCTGGTCCATTTAGCGCGTTTCTTGGA AAAGAAATTTCACTGGCATATGTGTGTGATTTGATTCTCTGGAAGGCACAGAAACTCCTCTATGCGACACGCTCATGTGGCGTCGGCAGACACCGCGAAATATCAACTGACCGATTTTCGGATTG CCATATG CAGCTTCGTTAGATCAGGCCAACATCCAAACTGGTCGAACGAACTGACCGACTGGATGACGTGTTGGATTGATGAAGTTATCAATAGCCAAAGCCATGTTAAAAATCAGTATGAGGACA ACTTTTGTCTGGATGA ACTGCGCAGATGCAATCGTCAGTGAAACGTTTTTCATACATTGGTACAACACCTTCGCGATTCTGAGTTCATGTCGATATCTTTTAGATTTATCCAGTCCGGACCCAGACAGCGCTCGTACCAAACTGATCCGTGGAAGCGCATCAGCATCACCCGCACTACCATCCACACTTG CATCACCACGGTGAAGTGGT CATCAGCAGGATTTACGCCCAATGGAAGCGGATCGCTCATACCTACGCAGCCCTGGTCCGTGAGATTATGAGCAGCTATGAGCAATCGCCGTTAAGCTATTTTGCCGAACGTG CATTGTATGATATGGCGGTTGAACTGGATTGCCCCATTGAGCTGGAAGCGCTTACCGTACTCTCTTGATGAATTGACCGAAGCCTACAAAGGTTGGA AATTATTACTCCAATCGAAACTGAACAGTGACTATTATAACTATTTTTTCGAACCGCACCGCTGGGTTACTTCAGTGAGCAGTTTGAGCGGAATTCGCGTGATGGCCGGCTGCGAGC CTTTATACCGTCGATGAATTTGAAGTCCC GAAAGTCTGACGGGATGATGACAGTCTGTTCTCACTGCTTCTCGTCAATTGACGCGGACATGGCAGAAATCACGACCTTTGGCGCCAAGCGATTCAAAACGCTTCCAATGGCGAGTACACTGAACGCTCGCGCTCAGGATACAGCCAGATGGAGCCCGGAATAGCCAGCTGGTGAACTTGCCAACGAACCTGCCCGCTTTCTGTGCATTACCCTGGTAAAGTTCAGCAATAA
221	T265_10096	2424	5690	GATCCGTCATGCGGCCTGCACTGCACTGAATCATGCTGCGAAATTAGTAAAGGCGATTCCAGTGTTGTCCGTTTGTTAATGTCAGCACCAAGATGTTACCGCGTTTTTGTAGTTCAAATGGAAGACTTGGCAGCCC TGAAAGGCGCCCCGCGTGATTTTGATGGCATAACCACTGCCGAGCAAACTGGTGATGACGATGGTTTCGGACAGCTGGACCTGAACAAGCCAGATGTGGGCACTCCAACCTGTGTCTGACAAAAATATACCTGC CCGAACAACCTCAACCTGTTGTTTCATTAGATAACCGTAGTTGGGGTTGTTGCGATCTGCCGAACGCACTGTTGCGGTGATGGTCTGCATTGCTGTCCACACGGGACCGAGTGCAACGCCAAAAAGGTGAGTGCGATCCTGTGGAAACAGGTTCCCCTACCAATGAAGTGGATCCGTC ACTGCCGCTGTGTTATGATGAGTTACATCAGTGCCAGACGGCACCACTGTTGCCTCGATTGTTTGACCAGTACGCTTGTGTTTGACCAGTACGCTTGTGCCCCGTTCCGCGTGCCGTTGCTGCGCTGATAAA GAACATTGCTGCCAGAGAGCTACACATGTGAGACCGAGACGGGTTTATGTCGGTCCAGTAGTGCCAGCCAACGCTGCAACCACTGACCGAACAAGCTAAGCCGAACGATCTGACACTGAACGATGAACAATTATG CCCAGATGGCCACTCCCCTTGCCCTTATACGCATACGTGTTGCCAGCTTGCCGATAAACGCTGGGGATGCTGTCCGTTAAGCGAGGCGGTGTGTTGTCCGGATGGGCTGCATTGCTGCCCTCCGTTATAAAATGCAA TATGGAAAAAGAGACGTGCGTTAAAAACGTTGTAGATACCCCTCTGCTGCAGCCGTCAAGCCTGCCTTCTCATCCGCCACCCGCATCGCTGCGGCAACCCCTGAATTTCAATGCGATGACGGCACTACCTGTTGCCCG CTGCCGAACGATGAATGGGCTGTTGCCGTTTGCTAATGCGGTTTGTTGCTCAGATCAGGCGCACTGCTGTCCGGAACACACCATGTGATCTGGAACACTCGCGCTGCGTACCGAAGCCACGGAAACCGTCCG TCCGCTGCCGACAATCTCATGATTTCAATTTGCGAGCCGATGGACCCGAAAGCCGATGAAACGTGTCAAATGGCGTGCCCAACCGGGACGTGCTGCAAAGACAGTAGCGGCTGACCGCGTGTGTCCATTTCCGAA CGGCGTGTTGCAGTGACGGCTTCATTGCTGTCCGATGGTACGCGTGCATGGCCACACAATGATGTGTCTCCGGCGGGGACAAACAAACCGTCTGCCGGAATCAATCCCATGGCTGGTGAAACCCCTGCCCG TCAGCAAGCATCAACCGTTGATAAACCAACGCTGAGCAAAAGCAACGTGGCCTTACTCCCACCGAACATTACTTGCCCGGATCGCCGTCATATTGCAAATACAACAGACCTGCTGTCTGCATAAGACCGGGGTGTA TGCCTGCTGCCGTTTCTGCTAACGCAACGTGTTGCCGTGATCGTCTGCACTGCTGTCCGGCCAATACCACGTGCGATTGTTTGGAACCTGTGTCCGTAAACTGAACTTGCAAGCAAAAAAGGATATTAGCGATGCTCA TCGTATGCAGCCAACACGGGTCACTTCTCTGCCACCGGCCCTGACCAACCTGAACTTCCAGCTGGGTAAACCCGCCAATGCGGAATGGTGTGGCGATCTGTGCTCGTCTCGGGATTCTGTTGCGCCGACCGTTCC GGTGACGGCGCGCCGTTGCTGTCTGCGACCGCTGGTGTCTGCTGTTGCGACGGCGAACACTGTTGCCCTCGCGGAAGCCGGTGTACGGGCAACGGCAAAATGCCTCTCTGAATCACAAAATGTTGACACCTTTTC GCGCGTACCTGATCCCGCGATGTCGGTGAATGGCGTGAGTGCCGGCTTCCGCAAGGGTTTGAGTCTCAACACCGTATGCAGTAGCATGCATTA AAAAACGACCGCGCCGCGCATTAAACCGATGTTTCTGTTGATTTTTATTATCGTGAATGTACGTAAATTTACCGTGTGCCCTGATCTTGAGCGCATTTGCGGGCTGAATCAGCAGTGCTGCCCTTCGCTGGAACATCACTATACATGTGCACCAAAAGGTGTCACTGCTGCCATA CACTTCCGATACTATTGCCACCGGGCGCGTGTGTAGCCAGGATGGTCTGCTGTGCGGGCCCGCCCTGAGTGA

222	OON18608.1	2520	5786	ATGATGGATATGAAACGCAATATCCGTAATATGTCGGTTATTGCACATGTGGATCATGGGAAATCCACCTCACGGACAGCTTGGTGTGCAAAGCGGGCATATTGCGGACTCCCGCGAGGCGACGCGCGCTTTAC CGACACACGCAAGATGAACAGGAACGTTGCATCACCATCAAGAGCACTGCTATTTCACTGTATAATAAGATGAGCCGGAGGGTGCCGAAATGGTCAAGGCGGTGCAGCCAATCGCGGTGCACCTGATGGGACA GAGGAGCATGGCTTTTTAATTAACCTAATTGATAGCCCGGGGCATGTAGATTTTCTGCTGAAGTTACGGCGCGCTCCGCGTCACCGATGGGGCCTTGGTTGTGGTGCATTTGTGAGTGGTGTGCGTCCAGACG GAAACTGTTTTCGCTCAAGCCATCGCGGAGCGTATTAAACCGATCCTCTTTATGAATAAAATGGATATGGCGGTCAACAACGCTTTCTGTGCGAAATGGAGAGCTGTACACCAAATTCAGCGTGTTATCGAAAATGTT AACGTTATCATTGCACAGTTTGGCGAATTAGACGCGACCGATGGGCAATATCAGTGTGTCCCGACGGACGCGACGGTTGGTTTCGGTTCAAGTCTGCAAAGTTGGGCGTTCACTTTACGTAACCTTTCGAAAATGTAC GCGTCGAAGTTTGGGATTGAAGTGAATAAACTTATGAAACGCTTTTGGGCGGATAACTTTTTTAACATTAATAAACTAAAAATGGAGCAAGAACAAGAACTCCGACGATGACATCCGGGGATTCAATCAATACGTACTG ACCCCGATTATACCGTCTTCGAAAACCGTGATGAAAAATCCCGTGAAGAGCAGACTGCACTGCTCGGGAAAAATGGGCATCAAACCTCGACGAAAGCGAAAATGCGCTTCCTGACAAACAACGTCTGAAATGTGTTAT GCATAAATGGCTGCCAGCTGGCGATTCACTCCTGGAAATGATTTGCGTACATCTCGCGTCTCCGTAACGAGCCAGGCGTATCGTATGGAATGCTGTATGAAGTCTCACGATGACGAAGTCGCGCTGGCGGTTAA AAATTGCGATCCAAACGTCCTGCTGATGATGTATGTGCCAAAATGGTCCCAACATCAGACAAAGCCGGTCTTTGCGTTTGGCCGTGTGTTGACAGGACCATTGCTACGGGTGAGAAAGTCGTATTATGGGCC AAATTACGTGCCGGGTAAAAAGGATGACTTGTATGAGAAAGCCATCCAGCGTACAGTCTGATGATGGGCCGTATACCGAAGCCATTGAGAATGTTCCGTGCGGTAACATTTGTGGCCTGGTCTGGTGTAGATCAAT TCCTGGTCAAGACGGGAACTATCACTACGTTTCGAAGGAGCGCATAATATGCGCCAAATGAAATTTAGCGTGAGCCCGGTGGTGCGGGTTGCGGTTGATTGCCAAAACCCAGCAGATCTGCCGAAGCTGGTGAAGG CCTTAAACGGTTAGCCAAATCAGACCTATGGTTTCAGATCACCAGTGAAGAAAGTGGGGAACACATTATGCTGGCGCGGGCGAGTTGCATCTGGAAATTTGTCTGAAAGATCTCGAAGAAGATCACGCATGTATTC CGTTAAAAAGACTGATCCTGTTGTTTCGTATCGTGAAACCGTAACCGAGACCTCCAATATCCCTGTCTCAGCAAATCTCGAATAAACATAATCGCTGACTATGCGCGCGGAGCCATTGACCGAAGAAGTGTCCGT CGATATTGATGAAGCAAGGTGTCTGCCAACAGGACATGAAAGATCGCGCCGTTACCTGGCGGATAACCCACGTTGGGATGTTTCAGGAAGCGCGCGTATCTGGTGTTTCGGCCAGAAAGCACGGGTCCGAAT GTTGTGGTGGATGTGACGAAAGGTGTTCAATATTTGAACGAAATCAAGGACTCTATCGTGACCGCTTTTCAAGTGGGTGACCAAGGAAGGCGTTCTCTGACGCGAGAATATGCGCGGCGTTTCGATTAAATCTGGAAGA TGCTACGCTCCATGCGGATGCAATTCACCGCGGAGGCGGCCAGATTACGGTACCGCCCGTCTGTTTTTTGCGTGTGTACTGACCGGAAACCCAGCCATCTGGAGCCGGTGTATTTAGTTGAGATCCAGGGGCC GGACACGGCACTCGCGGAATTTATAGTACCCTGAACCGTAAACGCGGCGTGATCCAATCTGAGGAACGGATGCAGGGGACACCAATTTGCGTTGTGAAAGCATATCTGCCGGTCAACGAAAGCTTTGGTTTACCA CCGATTTACGTGCGAACACGGGTGGGACGGCCTTCCGCAGTGCGTTTTCGATCATTGGCAGCTGTATCCGGGTAACCCGCTGGACTACAGTTCGAAGCCGGGGCAGGCCGTTCTGGCGATCCGCAACGGAAGGC CTCGCAGACGAGTTCCATCACTGGACAAATATCTTGATAAACTGTAA
223	OON22144.1	2529	5795	ATGGAGATCGCAAAGCTGCGTAAAGACTTAGAGAATGCGAACGCATCCCTGGAAATGGCAGAAACCTCCATGCGGCGCCGCCACAGACTGCTCTAATGAAGTGGCAGCGGAAAGTGGAGAATTACAGAAACAGA AAGGTAAGCGGAAAGGACAAAAATTCCTTAATCATGGAAGTGGAATATGCTCTGGGACAGTTGGACGGGGCCTTAAAGCCAAGCAATCAGCCGAGAGCAAACTCGAGGGTTTAGATGCTCAGCTTTCGTCT GAAAGGCCTGACGGATGATTTGCAGCGCCAACTTAATGACCTCAACGCGGCTAAGCGCGTTTGACGAGTGAAAACTTCGAATTGCTGCACGCAAAACAGGAATATGAGGCCAGGTGCTGAAATTTATCAAGGCGA AATCGTCCTTAGAATCGGCAGTGGATGACCTGAAACGCTCACTGGATGACGAGGCCAAGTCTCGCTTCAACCTTCAGGCCAACTGACTTCGCTTCAAATGGATTACGATAACCTGCAAGCTAAGTATGAAGAAGAAA GCGAGGAAGCCAGCAACCTTCGGAACCAAGTATCCAAATTTAACGCAGACTGGCGGCGATGAAGTCTAAATTCGAGCGTGAATTTATGCAAAAACCTGAAGAATACGAAGAGCTTAAACGTAAGCTTACGTTACGG ATCACGGAAGTGGAAAGATACCGCAGAACGCGAACGTGCTCGTGCTTCTAACTGGAAAAAGATTAAAGCGAAAACCTGACGATCGAGATCAAAGACCTGCAAAAACGAAGTGGAATTCGATCATTGGTTACTTGTATAGTTA TAGCGAGTACTTTGTTCCGGTGCAACAACTGTCTGCGGAAAAATGCGGAGCTGGCCCGCGTGCAAAAAGCCGCGGAAAGCTTAGCCAACGACTTACAGCGGCGCTTGAGCAATTAACCATGAGATCAACAATCTTC ATAGCCAGAATCCCAGCTGGAAGCGGAAAAACATGCGCCTTAAATCGCAGGTGAATGATCTCGTCGACAAAAACGACGCGCTGGATCGGAAAAATCGGCAGCTGAGCGACCAAGTGAAGGAATTAATCCACCCT TCGCGATGCCAATCGTCGTCTTACTGACCTGGAGGCACTCCGTTCTCAGCTGGAGGCTGAACGGGATAACCTGGCGTCCGCGCTGCATGACGCGGAGGAAGCGTTACGCGAAGTCGACCAAAAGTATCAGAACGCTC AGGCAGCATTAACCATTTAAATCTGAAATGGAGCAACGGCTGCGCGAGAAGGATGAAGAACTTGAAACACTGCGCAAAAACCAACCCGACGATTGAAGAACTTACCGTGACCATTACCGAAATGGAAGTCAA ATATAAGAGTGAAGTGTCCCGCTGAAAAACGTTATGAGTCGAACATCGCCGAGCTGGAGCTGCAACTGGACACCGCCAATAAGGCCAACGCGAATCTGATGAAAGAGAATAAGACCTGGCCACGCGGTGAA GACCTGGAAGCTTTCTGGAAGAAGAACGTCGTCTGCGGGAAGCCGCGGAATCTAACTTACAGGTCAACTGGGCGTATACGAGTAAGTATCAATTCGACGACCGCACTTTCCTGTTTCAAGCTAGCGAACGCAAGCG CATCCAGCTCTCCAGTGAAATCGAAGAATTCGCGGCGCGCTGGAAGCTGCAGACCGCGCCGTAAACATGCGGAAAAATGAAATGAATGAAGCGCAGACTCGTGTTAGTGAATTGACGATGCAAGTCAATACCTGA CAAACGATAAACGTGCGCTGGAAGGTGACATTTCTGTATGCAGGCTGATATGGATGAAGCAATTAATGCGAAGGCCGGTGCTGAGGATCGCGCGACCCGCTGAACCTCGGAAGTTCTGCGTCTCGCGATGAGCT GCGTCAGGAACAGGAAAACTACAAGCACGAGAAGCCCTGCGTAAGCAGCTGGAAGTCGAAATCCGCGAAATTAACGTAATTTGGAAGAAGCGGAGGCGTTCTCAGCACGGGAAGGGCGCCGATGGTACAAAA ACTGCAAGTGC GCGGACAAGAAGTGTGTTCCAGTGGTGTTCATGAACAACCGTGGTCCGTCAAGCCTTTGTCATCAAACGCGTGTGCGCGAGCTCGAAGCGGAATTCGATGCCGAATCGCGTCGCTGCAAAAG AGGCGCTGGCAGCCGCGTAAGTTTGAGCGCCAATATCGTGAATGCAGACACAGGCTGAAGAGCATCGTCGATGGTGCTCGAGCTCGAGGATTTATTGGACAAGACCCAGATGAAAAATGAAAGCGTACAAGCG CCAGCTGGAAGAGGCTGAAGAAGTATCTCAGATTACAATGAATAAATATCGTAAAGCTCAACAGCAATCGAAGAAGCTGAACATCGCGCCGACATGGCGGAGCGCACGGTGACAATCAAACGCATTGGTCCAGGC CGCGCGGGCTCAGTCGTGCGGAGTTGTCCGTACGACGAACCGCGGTATGCGGGCGACGTCGATGATGTGA

224	Ov-M60-1	2595	5861	GAAACACCTAATGTTGCCCTCAATAAAGAAGTTGTGGGATCCGGTAAATGGCAGCCATGCGCAGTCGATGGAAAATTTCATACGACCTTCGCGCCGAGCGCGGTGCAATTTCTTATTACTTTGTCGACCTGGGCGCA GTTTATAATCTGACCTCAATTAACCTGTTCTGCCAGAACGAAGGCACATTTTACGACCAGGGCGTTAACGTGCCATTTGATGTGCATACGTACGACCAAGTTTCATGTCCGAATGCGGGTACGAACGCCACTATCCTTGGG ATGTGTTAGCAAAAAACCTTACATTCAAGCGCAAAGGTGAAGAGATCGTCTCGCCCGGAAAAACCGGTGCAGTACATTATCATCGGCCCGCAGAACGATATCTATCCGCGCAGCGTTCAACCAATTGTTATCGCGG AAGTTTCAGGCGCATGGTGAAAAACTGCGTGAGGCTGATATCCCTGAAAGTTCCGAAGGATGACCGCCCGCGATTCCGCATCATTACTGGGAAACACGCAAAGCGGTGTTAGGTCTGCAAGATATTATTGAAATGGAT CCGAGCTACGGTTACTTTAAGCCGAAAGCGGAATATAATGACGTTGTGTTGGCTGGGATGACAACCCGACGGCCATGGCCGTTGTACGGGGTAAGGCTAAAAATGGTGGTTGTGATGGGACATACCTTTATTGAAGA AATTTACTCCAACTGTATGTGCGGTTTCGGCCCAATTGTGCGCAACTGGTTGTCCGGCGGATCGTCAAAGCGCGCTATATGCGCATCAACAGCGCATACGACCCCGCGATGTTCTGTTGATTACCCGCGATGATCAA TTCGATGTGGAAAAGGTGATCAACTTTTAAAAAGTGGCACTAACTCTGTCTGGCAGGCTATCCGGGTCTGTATACGAATGACAGCCTGACGCGATTGCTTGAAAAGATGGACATTGAATTCGTGAAGACCTCATT AAAAGCTCTTCACGTTTCATTGTGGTTGAGGATAGTCTGACGTCTCATAAATATATCCCGATTCTTATGATATTGCACGGTATGTTGATAGTTGAAAAGCTTTTCAGCACGGAAGTTACTCAGTTGAAGTTTCTTACCT GGGCGTGCAGGATGAGGATACCGATAAAGAGCTGAAACGCCTGGTCGACAAATACGGTCCGCTTATGGAACGTATCGGACCTGCCCCGCAACCTTATAATAAGAACAAAGGCACCGAAGTGGCGGTTTCGTAAAC TACAATACCTTGTGAAATACCAATGATGGTGGCACCAATTCGCGCTGCCCTCGATTAAACCATCATCCGGGCCCTTATCCCTTCGACGGTAAAGTCGACAACGGTTGTGGCGACCGGTGTACGCGGACCGGCTGGCAAT TTTTTCCGTTAGGCGTCTATGCTAACGCGGGCGGTGCCTTCGCTGGACGGTTGTGAAATCTAATCGTGATAACTACGAAGATCAGCGCCTGCGTATCAATGCGCATGTGGATTCTATCGTTAAGCATGATTCTGTGGT CCCGTTGGCCGTATATCGCAACTGATTTTCCGTTGAAAAACAGGGGCAATACGTGTCCACACGGTGGCGCGCTGTTCTGCAAGTTGCCGCGTGGAGTGAACATCACAATTCGCTGGAAGGTGTCTATCGTTACC CGTGGTTGGACTTGCGCAATCCTAAGAGTATTGAATCTTTCCGCAGGAAGTGAAGATTATGCGCAACCACTTTCTGGTGGTGATGCGGATTCCATGATTACCATGCTGAAAACGTTTCGATGTATACGAATCTGG CGCGTCGGAAGTAACCTCAAGCGCGCTCATTTTCGACAATGCTATTAAGTTCATGCATAACTACCGCGGTACGAAATGGGAGGATGTGCGGAGTGAAGTCTTCGTGGCCGACGTGCAGATCAGCGTTGGCTATGGTC ATAGCGGATATCCGATTATGGGTTGATCGACTGGTTCATCTCTCACACTGTGGTCAAGTTCTATCAAACATGGTGGTCAGCCTGGGTTTGTTCATGAAATCGGCCACAACCTTGACGGTAGGTGAAGCCACGCTGCT GAATGGGAACGAAGTCACCAACAACGTGTACCGCTTAATTGTGATGAAATCAACCTGGGCTGAACCCATACACGGGCGATATGGGTACCGGTGAGTGGTCTGCGAGTACTTATCAGGGCCGCTCTTGGGGTTATT ATCGCTACCTTGGTAACTGTTTGGACATGGCTGGTCGGCAACGGCTTTATTGAGCGCGTAAAAACGTCCGCCAAATGAATCGGCCAAAACGCAATTCTGGGTGAAACAGATGTGCGTCGAAACTGGCTACAAT ATGCTGCCGTTCCACGACATGTGGCATTTCGGGTCTCTGGTGACACCAAGAGCACCTGCACCAAACTGCCCTGCTTTTCGCTGAAATCAACATTCGCTCCCATAGTCGTGCTAAAATTACGGAAGTTATCAATAAAT ATGGCGGTAAGTGTCTCGCGCTCCAATCCGAACCAGGTTAAATTCGCGGTGATATCCGCCGCGGTATCGGCGTAGTGCGTCCGAGAACATCTTCCTCACGTTTCGAGTAA
225	Ov-M60-2	2595	5861	CAGTCAGTGAATGTGGCGCTGAAAAACCCCTTATCGGCTCCGGTAAATATTTATGGAAGGCGACTGACGGCAAACTGGACTCCACCTTTAGCCCTTATTCTGTTGACTTCCCGTACTATTACGTGGATCTGGGTGCTG TCTATAACCTTACCTCCATCCACCTGTATGGCCAAAACGAGTGAGAGCTTTGACATGCAGGGTATTAATGTGCGTTTTGATGTTTCATACCTTTGGCAACTACATGTCACCCTGCAACTTTTCAGAGTCACTATCCGTGGGAT CTGCTGGCAAGCAACTTAATCTTCAAACGTAAGGGCGAGAAAATCGAACTGAAGCCTCAGAAACCGGTACAGTATATCTGATTGGTTCGCCCTAACCTAATTACCCAAAAGCGGCCGGTTCGATTCGAATCGGAGAT ATCCAGGCGTTTGGCGAAGAAGTGTATAACAACCGGTTCTCAGGTACCAACGGATGAAAGCCCCATCCACCCAAGTATCATAAAGTAACACGTGCGCGGGTGTAGGCACGGTGAAAAAATTTGGATGAACCC GGGACGCGGTTATTTAAGCAGAATAAGAAATACAATGATGTAGTTTTAGGTTGGCTGGATCAACCAAAGTGCATGGCGGTGCTACGTGGTAAAGCCCGTATGGTCTTTGTCATGGCGGTGGCGCTTCCTAAAGAAA TTGACAACCAACCCGCTGTACGAAAAATGAAAGGCCCATGCAAAGATTGGCTTACGAACGGCAGTACCACGGGCAAAATATGTACGGGTTAACGAGGCGTATAGCGCGGGTGACGTGCTGTTAATTACTTCTGATGAC CAATTTGATGTGGATGTAATCTACGCCAAATAGAAATCGGGCGAGAACTCCGCGCTGATCGGCTATTATGCCAAGGATGATAATGACATTTTACGCGGAATTAATGGTGAAGCTGGAAGTTGATTTTGTAAAAACCAAC ATGGATCTTCTCCGCAATTTATTTCTGTGTCCGGAAGCGCTGACTCTAACGGTTTCATCCCGACCTCTTATATGATCGAACGGTATGTGACAGAGTGGACTGCGTTTAAACCGAACGTTTTCAGGTTAATGAAAAATGA ACTCGGTGTGGAAGATGAGGCAACAGAGGAACAGGTGAAAGCGCTGGTTGATAAATATGGCACTTTGATGGAGTATTTATCCCTTGCATCTGAAAGCTTACGTCAAATCTAGCTCTACTTCCATGGCACTGGTAA CTACAATCCATTCTGAAATGCCAGTCCGGCAAGAACGGCTTTGCCTTGCCGAACATTACCGTACCCGGGACGATTCCGCCGACGACTAAACCTACTACAGTCTGGCAACGGTTGTGCGGGATGTTAATGGTAA TTTTATCCCCCTGGGGTATATGCAAAACCGGGCGAAGATTCACCTGGACCTTGTGAGAACGTGAATCCGGACCTAATGCGACGCGCTCCGCTGAACGCTCAGGGCGACTCGATCGAATCATATAGTGAAT GGTGGCGTTGGCCGTCTATTGTTACACAGCTGCGTCTTGTAAAAACGGCCGTACGTGTACCCGATGGCGGGCAATCTCTCTGCAAAACCAACGAAGGTACCAACGTACCAATTCGCTGGAAGTGTATATCGCT ATCCCTGGCTGGATCTTCGTAACAACGAGTCCATCGCCAGCTTCGCTCGCGAAATTAATGAGTATAGTACGGTCCCATGGCTGTTTATTGCTGGTGACTCAATGTATAGCATGCTGAAAACCATCGATGTGCTCAATAG TAATGCCAACGAAGTACCTCTAGTGCGCGCCACTTTGATAATGCCATTAAAGTAAATGCATAACTACCGCGGACCAAAATGGGAAGATGCTGCTGTGGAGGTCTTCGTAGCAGACATCCAAATCAGCGCAGGTTATG GTCATCAGGTTACCTTGGATGGGTTCTATTGATTGGTCCCATCTGTTTACCTTTTGGTCATCTAGCATCAAAAATGGCGGCCAGCCGGGTTTCGTCCACGAAATCGGCCATAACCTGCAGGTTGGCGAGGCCACCCT GAAATGGGGCGGTGAAGTGACCAATAATATCTACGTTTGTATCGTCGACGAAATTAATCTGGGCTGAACCCGATCAAGGCGATATGGATACGGCAAGTGGACTGGTACGAGATGAGGGCCCGGATGGGGC TATTACCGGTACCTCGGCCGTCTTCCGTTCATGGCTTATCGGCAACGCGCTTATCGAGGCGCGCAAAAGCCGCGCCCGGCTCCGAACAGGATGAAACGGAATTTTGGGTGAAACAGATGTGTAAGGAAACTTCATAT AACTTGTTCCTTTCCACGAAATGTGGCATTTCCTCTGAGTCAGAAAAACCGTGAAATTTGCTCCGAGTTCCATGCTTTTTCCCGGATGACGAATACACGAAACCCACAGGCGCGTATTGACGAAGTTCTCAAGG ATTATCCGAATTGCAGCCGTACTAACCCGAATAAAGTGGTTTTTCGGGGCGATATTCGTGCGGTATCGGCGTCTGCGTCCGAGAACATTTTCTTAAATTTGAGTAA

226	OON17216.1	2601	5867	CCCAATGTAGCCCTGAATAAAGAGGTTGTCGGAAGCGGGAAGTGGCAGCCCTGCGCGGTTGATGGTAAGTTTCACACCACCTTTGCTCCGTTGCTGTTCAATTCCTGATTACTTTGTGGATCTTGGCGCCGTATATA ATTTAACGTCCATCAACTTGTCTGCCAGAATGAAGGTACATTTTATGACCAGGGGGTTAACGTGCCATTGTATGTGTCACACCTACGATCAATTCATGTCCGAGTGCGGCTACGAACGCCACTACCCGTGGGATGTCCT GGCAAAGAATCTTACCTTTAAGCGCAAGGGTGAAGAAATCGTTCTGCGTCTGAAAAACCGGTCCAATACATTATTACTGGGCGGCAAAACGACATTTATCCCCGCTCCGTTACGCCGATTGTCAATTGGTGAGGTTCA AGCCCATGGCGAGAAGCTGCGTGAAGCCGACATCCCGGAAGTGCCGAAAAGACGACCGTCCGCGCATGCCGCATTATTACTGGGAAAACGCGAAAGCGGTTCTGGGCACCCAGGATATTATTGAGATGGATCCGAGC TACGGTTATTTCAAACCGAAAGCAAAATATAATGACGTGGTCTTTGGTGGTACGATGACCCGACCGCGATGGCCGTGGTGCGCGGTAAAGCTAAAAATGGTAGTAGTAATGGGCCATACGTTTATTCGCGAAATTA TGATAGCAAACCTGTATATGGGCTTCGCCCAAGCTGTCGCAACTGGCTGTCTGGTGGATCGTCAAAAGCGCGTTATATGCGCATCAATAGCACCTATGATCCAGGCGACGTGCTGCTTATCACGCGCATGATCAGTT TGACGTGAAAAAGTCTACCAGCTCCTGAAAAGCGGGACTAACAGCGTGCTGGCAGGTTATCCTGGGCGTGATACCAACGATTCTCTGACACAGCTGCTTGAAAAATGGATAATTGAATTTGTCAAAACGTCTCTGAA AAGCTCCTCGCGTTCATTGTTGTTGAGGACAGTCTCACGAGCCATAAATATATTCCAATTTCTATGATATTGCAGCTTATGTCGATAGCTGGAAAGCTTTTAGTACGGAAAGTTACTCCGTCGAGGTAAGTTATCTTG GCGTTACGGATGAAGATACCGATAAGGAACTGAAACGGCTGGTTGACAAATACGGTCCGCTCATGGAACGTATCGGTCCATGTCCCCGTAAGCCGTACAATAAAAAATAAAGTACTGAGCTGGCCGTTTCGTAACAT AACACCTTGTGAAATATCAGTATGGTGGCACGAATTCGCACTGCCCTCGATCAACCATCATCCGGGACTGATCCCGTCTACGGTCAAATCGACGACGGTTGTGGCAAAGTATACGCCGATCAAGCAGGTAATTTCT TTCGTTAGGGGTCTACGCTAACGCCGGTGGCGCGTTTCGCTGGACGGTCTGCAAACTAACCGTGACAACATGAAGACCAGCGCTCCGTATTAATGCGCACGTGATTCTATTGTTAAGCACGACTCTTGGTCACG CTGGCCTTATATTGCGACGGACTTCCACTGAAAAACAGGGTCAATATGTTAGCCACACGAGGCGCGCTGTTTCTTCAACTGCCGCGTGGCGTTAACATCACCATCCGCTTGAAGGCGGTTATCGTTATCCATGG CTTGATCTGCGCAATCCGAAGTCCATTGAATCATTCCGCAAGAGCTCAAAGACTATGCCAGCCACCGTTTCTGGTAGTTTCATGGCGATTCAATGATTACCATGCTGAAAACGTTTGATGTTACGAATCAGGTGCCT CGGAGGTTACCTCCAGCGCGCTCATTTCGACAACGCGATCAAAGTGATGCACAACATCTGTTGGTACGAAATGGGAAGACGTTCCGTCAGAAGTCTTTGTGGCCGATGACAGATCTCTGTCGGTTACGGCCATAGC GGTTATCCAATCATGGGCTCTATTGATTGGTCATACCTGTTTACTCTGTGGAGCTCCAGTATTAACATGGGGGTGACCGGGTTTCGTTTCATGAAATCGGTACAACTGCAGGTTGGCGAGGCGACCTGCTGAAC GGCAATGAGGTTACCAACAATGTGTATCGTCTTATCGTGGACGAAATCAACCTGGGCTGAATCCTTATACGGGTGATATGGGCACGGGGCAATGGTCTGCATCGACCTACCAAGGTCCTTCTTGGGGTTATTATCGC TATCTGGGTAAGCTGTTCCGTCACGGCCTGGTGGTAACGGATTCAATGAAGCGCGTAAGATCCGCCACCGAACGAAAGCGCTAAAACCCAGTTTTGGGTGAAACAAATGTGTGTGGAGACCGGCTATAATATGCT GCCGTTTCATGATATGTGGCACTTTCAGTTTCGGGCGATACCAAGTCCATGCACAAACTGCCATGCTTCTTCCGAAAGATCAATATACTGAAAGCTTTGAAAGCAAAATCACCGAAGTCATTAATAAGTATGGC GGAAACTGCAGCCGGTCAAAACCAACCAGGTTAAATTTGCGGGGATATCCGCCGTGCCAGGATGATGGTCTGCAGCCGGCTCAGCAGCTCGGTGTGACGTACGAAAAATAA
227	Ov-M60-3	2622	5888	GAAGATGCTCCAGAAAATGTGGCATTCCAGCGGAAACCGCGGGGGAGGGTCTGCTGGTTAGACTACCTGACCAATGGCGAACTGAACCAGCCTTTTGCCCGTGCGCGATCGAGTTTCCTTATTATTATGTCGATCT GGGCGGTATCTATAACCTTACGTCTGTGAATCTGCACGCCAAAATGTCTGGAGTTTTATGATCAGGGCATCAACGAAACGTTTGATGTTTCATACTTACGATGAGTACATGCCCCATGCTACTTCGCAAAACGGCAT CCGTGGGATGTAAGTAAAGGAATCATGTTTAAACGTAAGGGGGAGGAAATCATTCTGCACCCTAAAAAACCGGTCCGTTACGTCATCATTGGCCGCGAAAACCCGAACTACCTGCCCCGGTTAGCCCGATCGTC ATGGCAGAGATTCGTGCTTTCGTTACTCTGCTGCGCGAAGCGTACGTTCTCCCATGCCACCAGAAGAACCGATTCCAGAATCCTACTATGTAGAAACGCGTCGTACCATTGCGGGTAAACAAAAGGCTTTATTGTG CAGCCGATTTGGATTGAATGGCGTCCGCTACCGATTATAAAGATGTGGCCTTAGGCATCGTCCAGAATCGTGGTGGTGGTAAACGTCAGAACGCCAAAATATTGTTATTACGGCTATCAGATTATT GACCAGCTCCAAACAATACAAAATATGATGAGTGGCGCCATTCTCTGCGTCAGTGGCTGACGAACGGTCAGCATCAAGACGCTCAGTTTGTGCGTATGGGCTCAGCATATAAACCTGGGGATATTATCCTGATCAA CGCGCAGATAAAATTTGATGTGAAAAAGTCTATAGCCAAGTACTTCCGGCGAAAACCTCAGCAGTCTTTGGTTTTATGATGGCCAGGGCGAAGATAACCTGCGTCAACTGCTGAGCCGTCTGGAATCGAATACGTC CATAACAGCATTGGACCGCAGAACCAAGACATTGATCTGCAAAGTATGATCCCTACGCTGCGCTTGACGCCATTAGAATATGAGCTGCATCGTATGATCTCAGCTGGACCTTCTTTCGTACCGTCCGATTCAAGACA ACTGGAGCTGGGAAGAATGGCTGAAACCTGAAGTGAACAGGTATCCAGCTTATGGTACAGCGTTTCGATCCGTTTATGCGTCACATTGGTCCGTGCCACATCTGGCCGTACCAAAAAATGAACATACAGATACG GCTATTTATAATTACAACGTCATTCTCTTGCGCCAGACTGGTGAACCTGCGCGACGCTTCCGGGACTCTATTACAATAGCCTGGATGTAGCACCTAGCGCAAAGCCGACCACAATTACGACTACCATCCGCGCGCCGT TTTACAGCTCCTTCTTCTACCACCGCGTATGCCAAACAGGCCAAGGCTTTAGTTGGACCATCTGGAATCGAGTACCCAAATTTTACGATCAGTATATTCGCGTCAACTGTCAGACCGATGGTATTGAACACCAC AGCAATTGGCTGCGGACCAAGTGTGGTACCACCAACCCGCTCTCTCAAAGCGCAGGGTCAAATGTGCAGTCCGCATGGTGGTCTATTTTTCTCAGCTGCGGCGCGGTGTGAACGTAACGATTGCTTCGAAACCGTT TACAAACACCCGTACGTGGATCTGCGTGACCCCAATCCATGGAACGTTTTCTGATGAGGTGCGAGAAGAACCGCGGAGTGCTGTGGACGCTGGTGAATGGCGATAACCTGATCACCGCGCTGCTACGGGTGATGT GATCCGTTTTAATACCACAGCGTTCTGAATAGCGGGAATTACATGGATAAGATGATCAAGATGATTCACAACCTACCGCGGTACCGACTACACCAAGGCGGGCCAGATGGCCTTTGCGTGTGACGTCCAAATTAGCGC GGGCTGGGGCCACGCTGGTACCCGATGATGGGTTTTCTGGGCTGGTCGGAATCTATAGCAACTGGGATGACATTGTTAGTCCGGTGGTCTACTTTTTCTGTCACGAGATTGGTCACAACTGCAGGTTGGCCC GGCGACGCTGTTACAGGTGGCGAAACCACTAACGAAGTGATCTGATCTACACATCTGAAGAGATCTTCGGCAAACCTGCGTACGCCGAACGATCGCGATACGGGGCGCTGGCAGTCTGATGAATCAAGGGGTT GGATACGGCTACTATACCTGAACTGAACTGCTGTTCCGATATGGACTGACGGGCAACGTTTTCTACTACCGCTGCGTAATGGTAATTTCTGAACACTGAGGAAGTCCGGGCGCAGTATTGGCTGCAGCAGGTGTGC AACGAGACCGGTTATAATCTGCTGCCGTTCCATCAGTTATGGAATTTTCCAGTGACCGAAGAGACCCATTCTATTTGTGACCCGCTGCCATGCTTCTTCCGGATGATGAGTTCACCGCCAAAGCTCAAGATAAAGTGT CAAAAATTTTAAACAGCTTACGGTAAGCAATGCATTCGCCAAAACCTAAGAAAGTTGTGTTTCGTGGCGATCTGTGGCGTGGCGTAGATCAACGCGGTGCGCAATTCGTTTTTCAACATGACGATGAGCAATGCTAA

228	OON15232.1	2736	6002	ATGGCCTCATTTTTTCGCTCGGAAGAAATGCAGCTGTCTCAGGTATTTCTCCATACTGATATCGCCTACATGTGTATTTCCGAAGTGGGCGAACTGGGCTTGGTTCAATTCCGTGACACTGCGGCAGGTACCTCTGCATT TCAGCGCAAATTCGTGAACGAAGTGCGCCGGTGCGATGAAATGGAGCGCAAACCTGCGCTTTCTGAAAAAGAAATCGAAAAGGACAGCTTCCCGATTTTAGATACCGGGGAGAACCCAGAGGCCCGGCTCCGCGC GAGATTATTGACCTTGAGGGAATCTTTGAAAACTGGAGAACGAACTGAAAGAAGTTAATAGCAGCGTCGAAGAGCTGACAAAAGCTCATTGAAACTGTGTGAATTGAAGCAGATCTTACGTAAAACCCAGGGGTT TTTCGAGGAAGCTCTGCATGACCCAGCTTTAGCGGAGGAGAATGTTGGCCTGCTGGGCGCGAGGGGATCCCAGCCCGGGCTGCGCCTCGGATCGCTGGCCGGGGTTATCCCCCGTGATCGCTTACCAGCATTCG AACGTATGCTGTGGCGCGCTTGCCGTGGTAATGTCTTCTTAAACAGGCAGAAATTGACGAGCCACTGGAAGATCCCACCACTGGAACGAAAAGTAAATAAAAGTGTGTTTCTGGTCTTTTTTTCAGGGCGACCACTGCG GGACGCGCGTTAAAAAATCTGCGAAGGCTTCACGCATCGATTTCTCCCTGCCAGATTCTCAAGCGGATCGTCGCAACATGGCGATCGAGGTGATGGGTAAGATTGAAGATCTGGAGACGGTGCTGGCGCAGAC GAAAGAACATCGGCAGCGTATCCTGGAACCGCTGCAAAAAACATTCGCGTTTGGTTTATTAAAGTGCGAAGATTAAGCGATTATCACACCCTCAATTTATTTAATCTGGATGTAACAACGAAGTGATGGTGGG CGAATGTTGGTGCGCAGTGAACGATGTGGATAAAATCCATCTTGCCTGCGCCGCGCATGGAACGCGAGCAATAGCACACTGCAGCCTATTCTTAATGGCCTGGTGACCCGTGAATCGCCACCTACTTACCACCGTAC CAACAAATTTACTGCCGCTTTCAGAAATATTATCGACGCGTACGGCGTTGCGCGTTATCGCGAAGTTAACCCAGCCATCTTTACAGTCATCACTTTTCTTTTCTCTTTGCTGTGATGTTGCGCGATGCGGGCCACGGAC TGCTGATGTTCTGTTTGCCTCTGGATGGTCGTATGCGAACGCTCTCTGATGGCCAAAAAGAGTACCAATGAAGTATGGCAAATGTTTTTTAGCGGTCTGTACATTTCTCTGCTGATGGGTATCTTCAGCGTGTACAC GGGTCTGATCTATAACGACGCTTTAGCCGACGCTCAATATCTTTGGGTGAGCTGGTACCCTACTTACGATCAAGCAACCCTGACAAAGCATGATTTTCTGCAACTGAACCCCTGACGGTTAACCAAACCAACCGAT CGTATGTTTGTGGGTATCCGTATCCGTTTGGACTGGATCCCGTATGGCAACTGGCGACGAATAAGATCATGCTGACCAACTCGATTAAAAATGAAGATGAGTATCATCCTGGGTGTGCTTCATATGCTCATGGGTATTT TCTTGGGTGCGTTTAACTACCGTTTTTCAACGAGCCCTTGCCATCTGGTGTGAGCTGGTCCGCAGGTGTTATTCATCTCCTCTATTTTTTCTATTTAATCGTGCTCATCTTTATAAATGGATCGGTTTTTCCGCGGA ACAAAGTGCGGTGCTCCTTCCCTGCTGATTAATCTCATCAATATGGTCCGCTTTTCTATTGCAATGATGGACCGCGGCGACCCATACGTTTTATAGTGGTCAGCAGACCATTGAGACGATCCTTATGGTTATTGCAA TCATCAGCGTACCGTGGATGTTGCTGACTAAACCGCTGATTTTGTTGATGCGGCATCGGGCGATCGTGAACGTGCCGCACGCTCTGCTGCTGCGGCAGACGTGTGCGATATCGCATATGTAGACGTTGGCGGTTTAA GCAATGCTGGTATGATGGAAGAGCCGTTAATTGCAGATGGTGATAGCGGCGCCGGCTACCACGACACCACACCGCTGCACACGAGTTCCAGCCGTCTGTCCAAGCGTCGACAACCACCCAGACGTCCACCAGTAGC TTGGCGAGCCAACTGAAAAAGGGCGTGGCGGCAATCCGTTGACCACGACTGACAATGTCAGCTCAGAGAAGATCATTCTGAACGATGGCTTACAGCTGGGTGCGCATGGAGACTCTCTGAACTGACCGAAGAGC CGTTTGATTTTGGCGACACCATGATTTATCAAAGTATTCATACAATTGAATATTGCCTGGGCTGCATCAGTAACACCGCATCATATTTACGTCTGTGGGCCCTCAGTTTAGCACACGCACAGCTGAGCGAGGTTCTGTG GACGATGGTCTTCCACATCGGCCTTAGCATCAACGGATATTATGGAGGGGTGCTGCTCGTGATTATCTTCTTTTCTGGGCTGTCTTAACAGTCGGCATCCTGCTCCTCATGGAAGGCCTGTCGGCCTTCTTCATACCC TGCGTCTGCATTGGGTTGAGTTTCAAATAAAATTTTATAAAGGAGACGGCTACCTGTTTGCCCCGTTTTCTTTCGTCAGTGCGTATCCGGTAAACTGGACTCGTAA
-----	------------	------	------	---

229	OON23047.1	2775	6041	ATGATGAACTATATGAAATGCGGTCTGATCACCGATCGTTACGGCGAGGCGATTCCACTGAAAGATGTGAAAATTTCTCGGACATCGCCAATTGAGCTCTAACGTCGAAGCCTTATTCACCTACACCAACACACTGG ATCATGCGGCTGAAGCCAAATTCGTATTTCCGATGAATGATGTCGCCGTCTATAATTTGAGGGCTAAAATCGATGATCGCGTCATCGTGGCAGAATGCCGTCCTCGTACAGAGGCCAAAACTACGTATGAAGAAGCGA AGGCCAAGGGCCACACAGCGTTCATCATGGAGCAAGACGAGAAATGCGAGGACATTTCCGGATGAGTATCGGGCATATCCCGGTGAATGGGACCGTTTTGTACCCGTGCGCTATGTCGGTCAGCTGGCCGTGCGAT GCGTCTGTGCCGATGGCACGAATTCATCTCGCGCGTTATTTACCCTGCCGTCCGTGATTAATCCCCGCTATGCCCCGGCGGATACGACGGTTACCCGTGAATTTGAGTCCTTTGATGGCTTCATCTGGAACCTCAACCTC GTATACGATTGCTTTGAAGCCACGTTGTTGATGCCGGAACCGATTGTTAGTGTGACCTCGGAGCGTGATAAGTACACCGTCACAGTGAATCCGAAGATCCGCGTCACGCCACGGTGGTCTCGCGTCGGGTTTCAA ACCAGACCACGATCTTCAGATGGTGATTGAACTGGCCAATCCACTGAACAGTTTTGCCGCCATCGAACCATCGGCAAACGACCAATTTTACCACATCTGCGTCATTGCATTATGGCGCAGTTTATGCCGGATCTCTCA GCAGTGGCGGGCGAGCAGGAACAACGTACCGAATTAATTTTTGTCGTCGATCGTTCCGGCTCCATGCAAGGCGAAAAGTATCCGCCGTGCATCAGAATCCCTCCTGCTTCTGCTGAAAAGTTTACCCCCAGGCTGCCGT TTCCAGATTATCGGTTTTGGCTCGACCCATGCAGCCTTATTTCCGGAAGCGATGGAATATAACGAAGAAAACGCTTGCGCGGGGCTGCAGTACCAGGAAGCTATGGACGCGGATATGGGGGGTACGGAGGTTCTGCC AGCGTTGAAGACCGCATACGACTCGCCTCTCAGCGGTGTTGGATGGTATCGCCAAATTATTTTTCTGACTGATGGGGACGTGACGAATGCAGACGAAGTCGTGGGGCTTGACAGTCTAACATCCATAAAGCACGTCT GTTTTCCATCGGTATCGGTATGGAGCCTCAACCTATTTAGTGTCCTTGTGTGGCACGCGCGGGACGTGGCTTGGCAACCTTCATCCGGGACGAAAGTCAACTGCGTGGAGCAGTGATGAAGGTCCTGAAAAGCGCTTT GGAACCACGCGCACTCCCGACCAAATGCATTGGAACCTGCAACTTAAAGGCGCGGATTGCAAGCTTACTACACCGGAGATTGTGGCAGTACCGACCAACCCCCCGGCCATCTTTAGCGGCTGCTTCAGCACGATGTT CGCGTTTTTTAACGGTGAACCGACCGAACTCACCGGGGATCTGGAACCTCTTTTTGATGTTATGGGAGACCAGCATACTGTGCGTATCCCCATTAGTGTAGCGGCGGGTACGCGTCTCCTGCCTGTCATAAAATAGC CCGCTTCATCGTTTGGCAGCCAAATGCTTACTGAACCAATTGGGGGATCAATTGAAGGGTCTGCAGATGACTGAAGGTAATAAAGAGCAAGATTCAATCCGCAAACAAATCGAGCAGGTCTCCTGTATGTTCAATGTT GTGTGCCCTCTACCAGCTTCATCGGAGTTGACCCGGTCACGCGTAACGAAGTATTCGTGGTGAACCCGATATGCAGAGGCAGAACACTTGACAAATCGCAGTGCCTCGTTTGACACCATCTTGGTCTTCATCGCAGCG GATGGGGGCTGTCGTTGCTCATACCTGCAGTGTCTGGCTATCTTACAGAACGTGCCGCTGCGTGCCTCATCTATTCCACTGGAGTTTAAACGGGTCGGCCGCGCCTGTTGCTGTGCGCAAGGTAGCACCTGCTGTT ATACCTCTGACTGTGCGCCGGATATTGTGGAATCTCCGACCTTCGCGCCGGGTGGTTTCATGGCGCGCAACCCGTGCGCGTGGTGAAATTCGTACTTCAGAGTTCACCTTACTAAAAGCGTCCTGGAGAAACAGGTGG ACCGTATTACCTGGAGCTGGTTGGTGTGAATACCTGGCTCATATCTCGTTGACTGCCGTGCGATCTCGGTGACTGGTCAGTACTTTCTTACGTGGCGCGCTATTGAGCTTATTACTGTTTAAAGCACTCTGTAAG TATTTCCCTGTCTGCTCTCAATCTACCGAAGAACCGGTCGAGCGTCAAGAAGATTCTATTGTCAAATGGTGAACTGCAACAGTTTACGCGCAGCTGGCCGTTGGTAGATGAGGTCGTCGCCCTCCTGAAAATCGAC GCGGCCATGGTTCGAAAGAAAAACCGAAGACCTGGCAGGCTTCAAGCCAAAACGAGTTGTCGATAGTGCATGGATTACAATGCTGGTGATTGCGTACTTTGAACTGCGCCATAGCGAGAGTGAGGTGGAATGGG AGCTGGTGGTTGTAAGCCCAACAGTGGCTTATTGCAAGCGAAACTTGTGGAACCGAGCACCACTGCGGCCAAAGCCCTCTGCATAAACTGCTGGAACAGGCCCGTCAGTTGATCCGCACTAACATGCACACA CCTACCAAATAA
-----	------------	------	------	--

230	OON21579.1	2799	6065	ATGGCTTTTGTAGGCGTGCCGTGCCGTTCTTCCGCGGACGTGCGAATTAACACGTCTATCCGGCTGTTCTGTTGAAAAACCTACGGATCGGCAACACTGGACGCGGTCTCTGCGAGCATTGAAAACTGAATGATTGCGCCGCGGCACCATTCAGCGTCTGCGCGACCGTACCCTGAGTGCTGCGCATCAGATTGCAAACTACCATGATACTTTACTGCTGTTAGAACCGCGTGTGAGCATGAGCGAAACCGAGGCACGTATTGACTGGAAGTGACCCGACATTACGGGTAAACAGAAAAAATTATGTACGTACAGTTCGAACGCGCAATCTGATTTTTTGTCTATGCCGCTATGCATAGTCAGATTGCCGAGTCAGCGGACACCAAAGATGCGGCTGGATTGAAACAGGCGGTAATTAGTCTTAACTGGCGGGCGGGTGCAATTTGATTACCTGGCGTCCAATAGCTCCATGTTTCGGCAGTAGTGCGGATAATCTGGTGATATTCTCTCGACGTATTCGGTAGTGATGCAAGCCCAGGCTCAGGAATGTGTTTTCTCAAGGCGGAACAAGCCAATATGCCGTCCGCGCTGGTGCCAACTGGCAAGCAAGACGCGGGAAGTGTATGAAGACGGCCTTAAGCGGTGCAGTGTAAGTAGCGTGAAACCGCACATTCGCGCGCATGGTCTTCATCGTTGAGTATGAAAGCCGGCCTCCACGCTGCGTTAGCTCAGTATTACAGTCAAAAGCATGTCAGGAAGCAAAAGCGTTCGGCGAGCAAGTCGCCGCTGACTGTTGCCTACGAACTGATGAAGCCTCAGTCGTTCCAGCTCGTTCCTCGTCCAGGGATGGCGGATCAAATTAAGCGTGAGCGCGATGTGGCGGTTAAAGATAATGAATTCATTTACCATGAGCAAGTCCCAGCGGGTAAAGAACTGTCGCAGGTCCCAGCGGAAATCGCGATTGGTAAAACGGAAGTGCCTGTTCCGCTCCTTAAAGGTGAAGTGAAAGATCTGTTCACTGTGCTGGTTCCTTTAGGCGTGCTGGCTTCAAAAAATCAAGCCTGTGCAGTCTTACGTTCTCTTGACAGCGGAAGTCCATCGTCTGCGCGAAGCGACCGATAGCTTAAATGCGGTAATGGTTAGCCTGAACCTGCCAGCCGCGATCCAGCTGACGGCAAATGAACAGTTTCAGTCCGGTTTGTTGAGAATGTAGAAAAGATCCGTAACCAGGGGGGTGTTGATCAGCTGCGTCAGCATGTGTATTCTCTGCCGGAATCTGCGGAACGCAATCGCGAAATTTGAATCAGCGGTTTGCGCCACAACGAACCCAGACATTTCAATGCATCTGACTAAGACAGATATTCGCCGTAGCGATCCGAAACGGCCGACCTCCGTATCACCGCGTTTATGTGCTTGAGCCATACTCCCGAAGTCGTCGATCGCGAACAAGGGTCCGCCATTGAAATCAATCTGCGCGTCGGCGTTCCAGGTATGGTCAAGCGTCTTAGGCGACCGTATTGAATGCGATAGCCATCCGTCCCTACCGCGATGGAAGAAGAACAGTCACCGCCGATGGCGACTGTGGTGATGTAGAGTCATGTCAGTGGGCGATTAATCAGCGGTTTAGTATCGTGCTGCCACCGCGTTGCGGACAGAATGCGGAAATTGTGATTTGGCAGCAAACTCTGGACGATGAAGAAAAAACTGATAATAACCTGAAACAGCAATTCGGAGATCGTTGGACCCGCCAGCCAGCAGCAAGCTTAATGCACAATGGCGTCAAGATATCGCAAAGATGATTGCCTTTCTGGGTGAGGCCGCGGAACTGACAAAATGCTGGCAAAACGTTTTGAACAGGACTTGCCCATGTTGAACTGCTGTCCAAGTCCAATGATGAGATCCTGGCGCAATTCGTGGTGAATCCGCGGTATCCGCTTCGTGCGCGACGGTAACGAAGCCGCCGCGAAGCACTGGCACGGACATGTAGCCAGATCGAATCTCTGAAAGCAGATCGGAATAGCCTGACCGATCAAATGAACGCGATGAAATTGTCCGAAGATTTCTGAAAAAATTAATGGATATTTATGCAGCAAAACAACCAAGTCACTGAACAACAGATCCTGGATCTGCTGAACGCGGAGCTGGAGGGTAGTCGCGAATGCGTACGTGCTAGCGAAAAACATCAAGAAGATTTGTTAAGCGAACTCCAGATTAATTACGAAGCTTACTTTGGTCGTCAAAAATCGAACAATGAGAGCGGTCTGGCCACCCGTCTACCGCAGCCGTTGATACGTTCTGGCACTTGATAAAGATGTGAAGAGCGGTATGCAATTTTACGCAGAGCTGACCGAACGTTGTCTCAAAGTTCAACAGAAAAATTGACGATTTCTGTCTGGCTCGCACAACCTGAAAAAACGGAACACCTGGCCGACTTGACTACCAGCTGGGTGCTGTGAACATCTCTGAGGCACCATCGGCCCGCGTCGACGACAACCACCACCGCATCAGCGTTCCTGCGCGTCTTTGTGCATTTTATTGTTTTTTGTTCAGGTGATATGTGGCGTACCGTTGAACAATTCATCCACTTCGTGCAGAAATTTATTGGTTGTCTGAACCAAACCTACCGTCTTTGACCACCCAGGATTACGGACTTCATCCGTGCTTACGGCGTGAACGTGAAACCGTGACCAGTGATTCCCGTGTGTCTATTAGCGGCCCGTCTCGCAGGGCTACCCGGCTGAGCTTAGTTATGGCTAA
-----	------------	------	------	---

231	OON15699.1	3045	6311	ATGATCATCTTTTGTCCACGGCTCTCATTTTCTGGTATGGTATTAAGTGGTGTGGAAGAGCAGTACGACCCAGGCGCTGTGGTGATCATCTTTTTAACATCCTCCTGGGTACGATTAGCATCGGCACAGCCATGCC GAACTACGAATACTTCGCTGCCGCCAAAAAGTTCGGCTGTTGAAATCTTTAACACAATCCAGCGTAACCCACCTATTGATAAACGTCGCGAGGGTAAGAAGCTTAGCGGAATTAAGGCGAACTGGATATTCGTGATGT AAGTTTTGCATACGAATCTCGTCCGACGACCAAGCCATATAGCCTGATTTGCCTGCCGGTAGATATCGCGAAAGCGGAGTGGCAGAACTTCCATTGTGCGCAGATTTTAGAAAACTCAGCCTTAAAGTGGAGCCGGG TCAAACGATTGCGTTTGTGCGCCAATCTGGCAGTGGCAAATCCACGATCATCCATTTACTCCAGCGCTTTTACGATTTCGGTATCAGGCCAGATCTGGTTCGATGGCCATGACATTTCGTGATTTAGACCTGCAGTGGTAC CGTTCGCAAGTAGGTGTGGTGGAGCAGGAAACCTTCCTGTTTGCCGGTACCGTGGAAAGAAAACATCCGCATGGGTAATCTGAACGCTACCCAATTAGATCGTGAGGCGGCCAAATTGGCTAACGCCACGATTT TATCTTACAGCTGCCGAGGGCTACCAGACATGGATCGCGGAGGGCGGTGGTACTATGAGCGGCGGTGAGAAACAGCGCATTGCCATTGCTCGCGCCCTGGTGCGTAGTCCGAAAATTCTGCTGTTGGATGAGGCG ACTTCTGCGCTTGACACTAAAAGTGAGCGTCTGGTGCAGGCGGCTCTGGACGGTGCACGCGCAGGTGCTACTGTCATTATGGTGGCGCACCGCCTGACGACCGTTTCGTGACGCTGACAAAAATTCTGGTTATCGATAA AGGCAAAGTTCGCGAGGCAGGCTCTCATGAGGAACTGGTGGCTTTAGGCGGTCTGTACGCAACGATGCTGCGTGCCAGGTCCCGGTGTGAGAAGAAGAAGATACCGAGAGTTTGAAGAAGAAACCCACACCATT TCTAAATCTGGCCATGATGAGGAGCCAATCTCGACCAAACCTGAAAGGCCGTATTAGTGTGGACCAAAGTAGCATGAGTTTACAGAGTATGATTAGCGTCGCCTCCAGTCGGAAAAATTACACCGCAAACGCGGCCA AGTGATTAAGCGTATGATGAAATACTCTTCCCGGAATGGGGATTCAATTGTAGCGGTTGTATTGGTTCGGCTGTGGCTGCCCTGACTACGCCGGGTTTTCTGCTCTGTATTGGAAGTATTTAGCGTTCTGCAGACG ACCCAGCAAGATCCGGTGGGCGCGCAAGAGCGCTCAGTTTTCTGTGCGGTCTGATGTTACTGGTTGCCGCTTTTATCTGATCGGTATGTGTATGGAAGGATACTTTTCGGCGTCTGTTGGCGAGCGTTTAACCCGC CGGTTGCGTGACGAACTTTTCGCGCGGTTGTTACCAAGAAATTGGATGGTTTGACCGCAAGAAAAACCAACAGGCGTACTCACATCTCGCCTGGCCACCGAGGCAACCTGCGTTTCGTAATGTGAGCGGCTTCCA GTTTCGAGTGTCTTTAGAAGCAGTGATCTGGTCGGCAGTGCCTTTGTGATCGGTTTTATTGATTCGTGGCAATTGACACTGTTGATGTTGGGCTTCTGCCTTTTCTGCTGTTTGGCGGTTATATTGAGTATATCTCATT GTTTCGACCGGACTCAAATAGCGCCAAAAAGTCGAGCGTGCCATCATTGCCAGCAAGCCTTTATGGCGAACCACCGTACCGCCTTAGGGCTGGAGCAATATTTGAGCAACCAATTTGATGCTACGCTTAAATT AGATAAAAAGAAAAGTATCAAATCGAGCGTGGTGTTCGCGTCTCCAAGCCCTGAGTCGTGCGCTGATCTACGTGGCGTACGATGTGCGTTTCCATTTCGGTTCGTACCTGATCGAAGCGGGGATGTCTACCGGCTT TCGCGTATTTTCGCTGCACGCTGACCGGCTGTACGCAATCACTGCTTCTGTTTTCGGCGTGCCTTTAGCTGTATTACATTCTCATTATCTTCCACCGGGCGCGCGGTTGCGTTTATCCAGACATGAAAAAGCTGAAG TTGCAGCTGCAAAACATTTTGCACACCTTGATCGCGAACCCTGCAATCCAAAAGACGTGGGTCTGCATCCGAACGAGCCCTTCGATGGACGCGTAGTTTTTCGCAATATTTCTTCACGTACCCAAACCGCGCCCTGAC TCGTGTTTTAAAAAACTTTTCGCATAAAGTGGAGAAAAACGAGGCCCATGCGCTGGTGGGCAATCGGGTTGTGGCAAAATCGACGATCAATCAACTGCTGCTGCGTTTCTATGACATTACAAACCCTGGGAAAGATCG TGGGATCTTCATTAATGGCATTAACTGCTCGAGCTGGCACCAACCTGGATTTCGGATGCGATGGGTCTGGTGTGTCAAGAGCCAAACCTGTTTAATATGACCATTTCGCGAGAATATCGCCTACGGTGCAGAACTTTTCG CGAAGTAACCATGGATGAAATCGTCGATGCGGCAAAACAGGCCAACATTACGATTTTATCCAGACGTTGCCGTTAGCGTACGAGACGACCGTGGGGGAACGTGGGTCCCAACTGAGCGGCGGTGAGAAACAGCGC GTTGCCATTGCGCGTGCACTGCTGCGTCGTCCGCTGTCTCTGTGTGAGCAAGCCACGCGCCTGGACAATGAGAACGAACGTATTGTGCAAGCTGCTTAGATAAAGCCATGAGCTCGCGTACTTGTCTGTT GTCGCCACCGTCTGACTACAGTCGAAAATGCGGATCAGATTGTTGTGTTGGAACACGGTTCGCGTTATGGAAGCGGGACGGCGAAACAACCTGATTCAAGCTAAGGCGCGTATTATGCCTTACACTGCCTGGGCGA ACAGCAATAA
-----	------------	------	------	--

232	OON14441.1-1	3510	6776	GTATGTGCGCCGAAGTTAACGCGGTCTATTGTACAAAGCGATTATGTAACGGGTGGCTGTTTTCAACTCGACGCCAACTTGCAAGATCCGAAAGCATTTTCAGAGTTCTATGAGTTTCTGTCAAGATATCCCCGAAGCGGCCAAATCTATTGATCTGCGTCATTGTACCATTTGGCGCGACCGTTGGTCATCATCCCGCTCACCCAATAGTCTGTTTATGGGCGGCCGTATTTTTACTACGCTAAAGGCATGGGTGCAATCCTGGATACCGAAAAATTAGCCGTACCCAGACTTCCCGTGAGAACATCCCGCCGAACACCTCTGGGCAGCGCGTTAGACGTATCGGATCGCATTTTTGTCTCCGAGTATGGACCAGATCCGCCGGTCTACGTGGCGTACGGAGGTCAGGGGTACCGGTTACAGCGAACGAGGCGAAAGATGTCGGGCACAGGCATCGTCTGATCTACCATAGTTCGACGTTGATAGCGGTACGGATCTGAACCTGTATTTCAGATTAAACGGTAATCAGTTCGCGAGCCGCTTCGTCATGCAGTGTTACTGGTAGATATTAACAATGATGGGTGGGAGGACCTCATTGTAGGTGCCCGTACCAGGAAATGAAGCCGTGGCGGGGGGTGAGCCACAATATGGAGCAGTGTTCTGATTACGAACCGCCAGGGCCAGTTCGCGACGCCGTTTAGCCATCAGAGTGGCTTCGAACCGTTTACGTATGAAAAATCATCAGATGTTGTTCCCGCCAGATAAACAGGAATGCGAGGCAGATAGTCTGAGTGGCTATGGGGCTACGCTTGGCGAGCTGGGTGATATCAACCATGATGGGTTTCAGGATTCGCTGTTGGGGCACCGTATGCGACGGGTGGTGGTATGGTCTTCGTATATCATGTTTCTCGACCCGGTGCATCGGTCTGCCTGCACAAGTCATTTGTACCCCGAAACTGGCTACCAACGTGCCGCTGCGCGGACTCGGCTTGGCGTTGGCCTCAAAGGCTTGACCTCGACGGGAATGGCTATGCCGATCTGGCACTGGGCGCACCACTGTCCGACGGGTGCTGTACTCCGTACGCGTCCGATTATCAAATTTAAAGTGCACCTGGTGCTGCCTGATGGCAGCACACGTATTCCGAGTAACCTGGATAGCCTTCAGACTGCACAGCCGAAGCGAGCAACCTTCCGGGATACATGGCCCCGAAAGTTCGTTGCCTTAACACGAAAAATTTTATGACTTACACCTCTGTGGATGGCAAACCTGTAAACCTGACGTGCGTTATCGCGCGACGGTACTGTTGAAGTCTGACCCACCCACCCCGTGGCTCCGGGAGTTATGGGAAGAAATTCAGCGGGTCCGAGGAGATTACCACCCAGCCAAAGGACAGTACGTGCGGCAGCCACGGATTCTGTCTTGCCTCATCCACATTGTTTCACGACCTCAGTATTGTTCCAGTTAGCTTCATTGGTGAGCGTAGCGTCAAAGATTACGCAGACCAAGCGGATCGGTTTTTACGGTGAATCGCTCGGCTAGTAGTGACGCGGTGAATAGTCCAGGCGGCTACCTGCCGATTGATCTGGAAGCGACATGTCGTGAACGTATGGAAGATCGGTCTACAATATCCTGTGGAGCTGGACAGGGCACAGCTAAGACCGTCCGGATTGTCTTCGTGATACGAAACTGGTAGACCAGACCTCTCCGGTACAAATCGGTGTGCGCTGGGTGGCGGATCTGCCGTGCCGTACCCGACCGCCGGGGTTATGGACCAATTTCCGATTTTCCAACCCCGTGAAAACTCGCAACTGATCAAATTGAATTTTGATAACGATTGTACCGTCCGTACATGTTGCCCGCGCTGGCGTTACGTATGAATTCGAAGTTTCCCGTGACAAAATGTTGTCGACGATAAAAGCCCAAACCTATTACTGTGAAAGTGAAGTGTGACCAATATCGGCACCGACCCGCGTATTATGACCACTCTGGTAAGCACCTACCCCCGACACTGCTGGAATTAGATCCGACGCTGGACCGGGTCTGAACGTGCGCCGAATGCGGCATCGTGCTGCTGGCCAATCCCTGATTCCAGGAGAATCTCAGAAATGCTTACTGCGTTGGCTGGTAGTGCCTACCAACTGACCGTTCAGATGGCGCAATTTTCTGTTAATAGCACGATTATCACAGGGGCGGCGTCCCGAGTAGAAGTTCATGGTTCGCCCACCCATGAAGTGCAGTGAATGTCAAGATGGTCTGTAATGTGTGAGTTACTGGAACGGTTGAACCAATACGTCTATTTTAGCGGAAATGCCTCAGATGGCATTAAATCAATCTCCGCGGAAAACAGATCGGCGATAGCCGTTTGCTGATCAAATTTACGGTGCCTAACCTGCGTAATCATTTCCCTCATCCCCGAGTCTGTTATTGTGGATTGGCCCTACGAAATCGCGGGAGATATTAAGAGAGTCATGGTAAATATCTGCTGATCTGCTGGACAACCCGTCCTGGTGCAGCATCAATTTCAATTCGGGTGAGAAAGAAACGAACACCACCTCGGTCTTTGCGACTCGCGCGCCCTGAAACGGCTGGTCAACCCGCATAACTATCGTATCTTCAAATTTTACGTCTAGTAGTGATTACGTCCCTGTGAACCTGGGCGCGGTTGATTTCCCGTCGAGCCACCCGCTGTGCGTATCCGCCGCTCTACCGAATAAAATGTGCAAGAAGTGCTGGCCGTAATGAAGACTCGGACAAACAGCAAAAGCGTTTGATGACCACCGTTTCGTGTTATAACGGACAAGTGCCTGCGTGCCGATTACGTGTGACCTGGAAAACTGAGCCACAAGGCCGGGCGGATCACCTTAGAATTATTGCGCGCCTGTGGGACAACAGATGCGTCAGGACTTTAAGGATTCTTTCTGACCAAACCTGCGCTGTGCGGCTACTTGGCGTGCCGACGTTAAATACGGCATTGACCTGGGGGATGCAGATCATACGCAGGAAACGATTGAGCTCTCTATTTTCAATAATCTGGAACCGAAACCGATCGTGCCAAATATACCGCCCTCTACATGCGCTGGCGGTCTTTGGAGGTGCGGTGTCTTAGCAATCATTGTCTTATCTTAAAAAAGCAGGTTTCTTCAAACGTAACGTTTCTGCGCAACCCGAAACAGGACAACACTGATGCTTCTAAACATTAGACCCCGCGGACGGAACCCACCACACGAGTGCTAGCACGACCCAGTACAGTGTCAACCGCTGTGCGCACCCGCGGCTACCAAGCGGTTACCATGTCTATGACATGCTCTCAGGCGGGAGGTCCGCTGGATGAAGGCCGGTCAACAGCCGGCAGTGTGCGTCTCGTCTTTACCTTTGAAGAACCATCCGGCCGTTTCTGCGTCTGGATGAAAGCGCGCCTATTAA
233	OON19705.1-1	1782	5048	ATGGGGAGTACGCTCAGCCGGATCTTTCACCGCAACAGGATGATGAAGCAAACCGAAAGTGAAAAACCTCGCCGTTTCGGTTCTCTGCGTCGTCAACGCACGGATGATCAGGAAACGGGCACGCGGTTTCCCGTAGCTCTACGATGCCAGCCGACGACGCTGTCCGTACAGAGGATCGGAGTACCGGTCTGATCGCGAGACGGCCGAAGAGGTGCAACGTTTAGAGGATCGCCAAGAGATTATGCGCGACGTGATGGACTATGATGAAACGGTGACCCAGTCTGCTGCGCAGCACTTAAGCGCCAGATGCCACACGTTGAACCATCATATGTGCCGAGCACAAAGAGGTCTGCCGGAATCAAGGCCGAGTTGCCTGGTGGTTTTGCAGCAGTCCAGCTCGTCAGCGTAACGTCTAACGATAAAGCAGTAGAAGATGTGCCTGAATTGAGTCCGATGACAGAAGCCCTGCATGAAGAAGAAGTAGAACCGGTCAATCTCAACGCCGAGGATCTTCTGTCAGGAACATGAGGAACACACAGAACACATCGAACAGAAAGTGTCACGGGAGCAGAACATTGAACCGATCATGGAAGTGGAAAAATCAGCGGAAGAGATTCCGGAAGCATTGAAAAATTGTCTGCAGATAGCGCCGGTCAGGCGCATAGCGGAGCAGGATCTGGGCCATATTATGAAGAAGCCTTACCCAAGAAGATTCCGAACATGTGAAGAAACGGTAGACTATTTCCACGGCGAAGGGACTGAAGTGAACGGCCAGTCTCAGTCGGAAGAAATTTATCCGTAGCGGAACAGCCTATGTGCAGGCTGACGAGGTTCCGATCCGTTATGATGCGACCGAGAATGTACAGGCTTGCAGCGCCACCGTTGTTTTGAGACCGTGGAAGTCTGTTGCCGAAAAGGGGGAGATCACATCCACCTGGAGGATGCCAGCGTGGGGAAGAAATCCTGGGTTCCAGTAAAGAAAGCGGCGGACTTTGGACTTACTCTGCGAGACGGCCACCGGTGAGGACTTGAACCCGTTTCGGAAAAACATTTTCCACATGTCCAAGCGGAATCGTCTGATGAACATGACAAAGTTATTGGGGAGGATCAAAATGAACCTAGTGACATTGTGAGGGTCAATACCTGGAAGGGGTAAACATTTTGAAGAAGCAGCAGCAAGAAGATGAAATTTTGAAGGTGAAGCGTTAACGTTGAGGATTTGTAGAGAAATTTCTGCGGAACACAAAGAACGTTGATCCAAGCCAGAGATCTCAGGCGTCCAGGACAGTGAAGTCTGCTGGAACGTGGTGACTATGATCATCTGCCTCATACCAGGATCATATCGAAGAGCTGCCTACCGAAGGCGCAAACTGGAACATGAGTCAAGTGTGGATGTGACGACTTTTACGACGCGGTAGAGAACGAGACGACGATCGCTGCTGCAAGAAATTTACTGAGCATACCGAGGAACCGTTGGAACAGCCGTTTGCCAAGGACGCTGAACCGGAAGGCATCTCTCAGGAAATCAGCGACTTCCACTGTTTTCAACAGCCGCGGAGAAAGAAACCAAGACCACTATTGCCGACCACAACGAACATATCGAGGGGAGCGCGGAGCATATCCCTGATAAGGATGCAGAGCCCGAAAACATGCTTCAGGAAGCGATTGACGCGGAGCATTTCCAAGGCAGCTTTGAACACGAAGTCTGGATCATGACGAACACAGAAGCTCTTAA

234	OON19705.1-2	1872	5138	GTAGAAGATGTAAGTAACTACGCGGAGATTGAAGATGTGTCCAGGAAGTACTGGCGGATGAGCATTTCACACAGCCGTTAGAGGATGAAACGCGTGATCGTTTCTGTCAGGAAGTACGCGAGCGCAGTGAAGTGCCGGTCGAACAAGTGTCCGCTAAAGACAGCGAGCCGGAATATACACCACAGGAACTATTGACGCGGAACATTTCCAAGGCTCGCTCGAACATGATGTTCAGGATCATGGCCTTCACGATCATGATGAACATACTGAAGAGTCAGTTGAACACGTACCGACGAAAGACGCGCAAGTGGAGGAAATGCCGCAAGAAGTGTGACGCGCAACATTTTCAGGGTTCACTGGAACACGACGTGCGTGATCAGGTCTTCACGACCATGACAAACATACCGCGAATCGATTGAACACGTCCCTGCTAAGGATGAAGAGGTTGAAGATATTAGCCAAGAAGTGTGGATGCAGAACATTTTCAAGAAAGCCCTGAACACGAAACACAGGATCGCCTGCTGCAAGAATTCACCGAACATAATGAGGAATCAGTTGGTCAGCTGTCTGCCGTAACGCCGAGCTGGAAGAAATCCCACAGGAGGTGATTGACAGCGAAGACTTCCAACAGCCTTCCGAGATTAACCCGACCATCTCTGCCAGAATATACGGAGCAGTCGGCGGAAGAGTTCCGGCAGACTTCGACGGCTTCTCAGATGTGAGCCAAGTGTTCGCGACACCCAGCATTGGGGCCAGACTCCACAAGGGTTTGGTAATGACGAAGAAACACTGGATGATAGCAAAACGCATCGAGTCTTTCAGGAAACATTAGAGATCCAGCATTGGAGCAGCCACCGGAATATGATGATGGCGCGTGATGCAGCTGCAAGATACTGAACACGTTGAAAAATTCAGCAGTGGTAGCTTTAATCAGGATGTACAGCAGGCAGACACTACGCTGAGCTGTTAGATATCCAGTATTCGGAGATTCGCGGAGCAGCATAACCCGCGGGAGACGTGCTTCACTCGGATGTGGAACGCGATATCGTCGAAGATGATTATATCCGCGCGCAACATCGGCTAACCGTTAAGTGAACAAGTCTGGAGCAAGAAACAAAAGATACGCCGAAATTTGAAGACATCAACGAAGAAATTCGGATGAAGCGACCGACTATGGTAACGACTTTATCAAAATCGCCAACAGTCCACAACCTGGAGTTAGAAGGCGAGCGTCAGGTGCAGCAATCTGAAGGCAATTCGAGTCCGATTGATGGAAGACTCGGCGCATCAGGAGTCACAGAAGAACTGAAGCCGGAATATAATGAACATGTGTGAGAGGATGCAGGGAACCCCTTCTCGAGTCTACCGATTATAGTGATGAGCCTAACCTGGTAAAACGCGAACATGTCTTCGAGCAGGATGATGCAAACTGGACGCCGAGAGTGTTCCGCCACAGTCCGAGAAATCCCATAGCGCACAGACCGGCAATAACGCCCATGAAAATATCCAATCGACCGAGGAGAATACCAACGATTTACATCCAGATCAGGCGGGTTGGGCGGAGTCGCACGAGAGCGGTAGCGCCGAGCCGATGCCAGATAACGGCAGCATTAAACGGATTAGACGTTGGGTACCTGCAGCTGGAAAAAATGTTCCCGAAACGGTAGAGTCCAATGGCGATTTTGATCATAGCATGAAGCTCCTGAATACGGGGTTGATCGACCAGCAAGACTTTGATAGTGATATCTCGCGTCAACCAACCTACGGCGGCTTGATAGTCCACACGATGAAGATCAGCACCCGAACGGCCTGCCGGTGTGCGGCCGGAATAATTTGATTTAA
235	OON14711.1-1_C	1782	5048	ATGTACTCCGCTCCTGACGACTCATGGTTGCCGAGATTCCAACCGATTACAATGGCATCGCCCATCAAAATGGGCACAGCGACTGCAAGGCGTTTCGAGGAGACTAATCCGAATTTATGGGAGCCGAGGGCCCTATCGTTCAACCAATCCCTGATAATCTGATGGTCGGAGACTATATCGAGATCAATGGCATTGTGCGGGTCTGAGGTTATCATTGAGCTGATTACCGAGGAGCAGCAACGTGGTATGCGTAATGACATCCTGCCGCTGCATGTACGTTTGCAGGCAGGTGGGCCGGTCTCGTGAAGAATTACAGCAAAGATAAAGTGAACCGCCAAGAGTACAACCACCGTATGGGCATGCAACAGAATCTGGCCTTTGAGTTATGCATCTACGCCCTGGAAGAGGATACGAAATTAAGCTTAATGGGGAACCGTTTGTATGCAGAAGCACGTTGTCGCTTGAAGACGTGGCGGCCATCACTATGGATGGCGACGCGAGACTTTACGTCAATTGAGTTAAGGACACGAGTGGTAGGACGCAGAGGGCATTACGATGTCGAGGAACCGCAACTTGATATATGCGCGTTCAAGAGATGCGCGATTGTTTTCCCGTAAGCCGGCCACCCCAATTGTGTCGCTCAAGCGTCCGCCGCTCTAACCGTTCAATGAGGTGGCCAGCCCCATGCCGATCGGTAAGAGCGAGTGGAAGACCTTAGTGACCTTAGTAAGCCCACTATCGACATCGACACGGTCAGCCGTGCGGCTCGCGATTCCACATCAGCGTATATGACCCACAACGCGGGTGTAAATGCTAGCAGTGACGGTTACCGCACCTCAACAGTCGACCTCAGCCCAAGAGCAAGAAGCGCAGCACCGTCTTCCGACCATTTGGCAGCCGCAAGAGTATCAATCTTGACGAATCAAGCTCGAAGAGTATGCCGTAGTTGGTGGGAGCCAATCGCGCACGATTGCAGGTGACTCCACGCGCGGGGCATATCGCTTACTGGACGACGAAACAATGCCGGTTTACGTCCGAGCATCCAGAGCTGCGCGGCACATCCTTGTCAGCTTCAGCAGCATCGCTTCAAGAGAAGAAGAAGAAGCGTGGCTCAATTTTCGGTCGCTTTCGTAAGAGTAAGGGTAGCGAGCCGGATCTTCCGCCGTTGAGACCGAGAAGAAGAAGAAGGGGTCACGCTCACTTCTGCGCACAAAGAAGGGCGTAACTAGTGTGCTAGTCTAATGACGTCCGATGAGCGCCAGCTTCACTGACATGCCAACCACTGCCCTGGGACGCGTGTTCGTTCAAAGCAGCACCATGAGCTGCGCCCAATTATCTGGGCGTAGGTGCAGACCTGGCGCCAGTCCCTGGCCAATCCGAAAGTCAGCGTCCAACTTTCAGCGCCGAGATGGCAGCTTATGTCGCCGGTCAGAAGGCGGTGCCGGAGTTTCAGGCTTTATGTTAACGAACGGTGTAGACCTTGCGTCTCAACTCACTTAAACGACGAGCGCTCACTGCAAACTTTTCTCGTCTTATCCCGAGTCCCATACCATGACCGCGGCCAGTCAAGTAGCACCAATCATGCGCGCTCCGAGGGCCAGTTTACTTGAATGTAGGGGTTGACCGCGCATCCGTGCCCGACCTGTCCCAAAGTCAGTCGCAAGGCTGCGGCTCCAGAGATTGCGGGCTATGTGGCCGGCAAAAGGCAATTCAGAGTTCGAGAAGTCACTATCATTGGGTAA

236	OON14711.1-2	1959	5225	CCGGTTTCCGCGGCGTCTGTGGGGAGTGTGATGGCCTATGACCAACCAACCCAGCGCATGAGCGCTGCACCTACCGTTCCGACTACCACACGGAAACTGAAGGGCAACGCACCTGAAAATGCCGATATCCTGTACGA TAGTGGCCGTGCGTCTGATCCCAATGTGAACCTGACCGGAGGCGCTCCGGAACCTGTGCCGCGTGGAATCGAGAGCCGTTACATGGAAAAATGATCTGCAACGTGCGACCAAGCCTCCGAAACTGAAAGGATCG GCTCCCCAGATGGCTTCCGCGGTACAGTCATATTACCAGAACGTCGCGCCGGGAGATTGCAACTTGGTGGATTTGAAAGCCACCGATTTCCGTCCAACAAGTGGCTCGGTCTGCTGCTGCTGGGTCCGCCGAGTAT TCAGAAAGCAAACCTGCCAAGCTCAAAGGTCCGGCGCCGGAATTGGCCGCGAAATTAGAAGACAAAGTATCACGGGCGTATGGGACACCTTCCAGAGACCACCTCGCCGGTGATGTTTCCACACAGAAACCACTGA GCTCAATGGTCCAGCGTCCAGTATATGATGTAGATAACGTAATCTCGAAACCGAAATACAATGAACCTGTAATCCAGAAACCGGTTTACCAAGAACAGTCCGCTCAGCCTCAGTGCCATATCCTTCTTACAGTCG TGACGAGGATACCGAGAGTGCATTTCGGATGGGGAATATGTATTGACCGTTGGCCGCTCCGATTACTACTATGAGCGTAAGCGCAGTTTGCGGAACTACCGCAGTCGTCGAGTCGTGCGAAAGAGCGTGAA CGCGCGCTCCATGGGTTTTCCGAATCGCATTGACAGTCCGGTCTAGCATTTCTGTCGTTAACGGAATCTGAACTGATGCTGTGTCGCAATCCCGCCGTTTATGAGCCAGCAAGATTTCCGTGAACGCCCCGTCTA TTCAACCCGCGCAAACATGTCTAAAGGTACGCTGAACCGCCACCATCAAAAGTATTCCAATCCGACAACGAAATCATACGTAGATGCCACGGAGTTACGTAATAATAAATTCGGTGCCAAGTTTCCGCTGACGCT GCGTTTCGGGGCGTTTCGGCCTTACTGACCGGCCACTTTCTGAACGAACTGCCGATCCACAAAGTTGTACCATTCTGCTGTGGACCGACGAAATCACCGAAGTCGATTCTGTTCTCCGCGATGACCGTCGAAAGTATGGTC TACATCCAGCATGACTGTATACGGTACCAAAAAATTCGAACCCGACCTGCTTAGTGAGCTGGAAAGGTGCGGACAACCTCTACAAACCTTGATTGCGACAAAAATTTGCGATTGTCATCCATGTCGCGGCCTGTATAGC GCGGTGAGCATCAATGATTACGTGACGCTCAAATGCCCGAATCCTTTAATCCCGTGTGCTGAATCATCTGGAATTAGAATCTTCGAAAAATGCGGAGCTGGATTTGTTTAGCGTGACTGATAATCTGGTTCTCCCGA TTGATTTACTCTTCCCGAAGTACTCCAACCGTCCGGAGACCCAGATGGTGCTGCTGAAGACGCAAAATGACGCGGGATACCAAGTGTGTTACCGTGACTTTCTCGACGCAAAACCAACAAATGTTTACGGTGGTGGTTG ACTTCGAACAATACCGCATTTTCAAGTTCAGCCAGCCGCCGAGGACGGCCGTCAGTGTCTTGAAAGAGATTATCTTCGTTCCAGAACAGATCCGCGAAATGAAATTTGCCGGTTTACCACCGAGAATAGTCTTAGCG CCTCGGAATCGCAATGCAACCGCAACGCGGAATCTACCGCACCTAGCAATATGAGCTGCGGATGCTTGTGAGCTTTCGCATGGCCTGTTCCACGATCTCGTAAGCCGTATGAAACATATTTACTGCGCGGCATCGA CACGCTTTCGGCTTTCGACTATATCTGA
237	OON23240.1-1	1776	5042	AAACAACCTCTGACTAGTGAAGACTTTACCTCGGATCAATTCGGTGAACGGTTAAACAGGCCAACCAACAGTGTAATCTGGCAGGCAACCAAGAAGAATGGTACATCCAGGAGGCCATTCTTGAGGGACAAAGCA GATTGTCTCAGGCGTGTCTGATGAATTTATCTGCGCCAGCGTAAAACGGGCTGCGCGCGTGGAAGAGATGCTTAAACGTAATCCCAATGAATCAACCCCGCTGTGTGTGGCGCAGGAGAATGCTACAGTGATCGTCT GCTCGGTCAAACGTGTGGACCAAGAGCTGGATTAAACGTACCGAAATTACCGTCCGTGACATTTGGTTCTGTGGACGCGGGTGACGGTGGTATCTCAGAAACGGTACGCTCTGGTGAATGAAACCAATTGGGAGCTGGA ACGTGCGCTGATTCAAGATGCCGTTCTGATCTTCAATACGCTGGATGACAAACCTCACATTTATAAACTGTCTGGCGCCACCGAAAAAACTCGTAAGCACAAGGAGAGAAGAAACGAAAAATCTCGAAGCCACGCTGAA AGAGACCGCTTGCCCTAACGTGAAGGACCAGTTGGAATCGTTAAAAAAGCACTCTTGCTATAATAACGAGACCAAAAAACGAAGTACGTTGTACGTTGCCTATCAATAAAGAGACCTGAAGAATACCCGCTTCTGGA ATGCGAAGGTTTGATGCCGGTCTTTCGCGGTATGTGGCGCGCATCGCTTCACAACAGCCGCAAAAGTAGCACCGGGCTGTTTGGAATTTGAATGGCACCAAGCATGAGTCCGGCTCCGTTAAAGTCGGTATCATTAGAT GAAAAATTTGCGCGGGTCAGATTTGCGCGTCCTTTCCGGCGATGAGATCAACGACACGCCGTTTCAGGAACTCCTGAAGCGCGTTATCGTGAAATATAACAATGCCAGCAAGCATGATCATCTCTATAAAATCAAAAA ACTGTCTGACGGACGCACCGAACAGTGCCAGGTGACCGTGACTACGGCGCCGAGCGATGACGGCGCGAACGAGACCGTTGCGTTTCGATCATTGTAAAGTGTGCGCGCTTTATGGGTTACCTGCTGGGCGGTAAA CAGCACGTGAAGACCGGTACGCTGAGCCATAAAACCGCCCTGGCCATTGCAGAACAGGCAGTTTGGCGCTATAATTCACAAGGCAATGACCTGCGTGAATACCGCCTGGAACCGTTTTCAGAACATGGCAAGTAAAGT GGTGTCCGGTTATCGTTATATGATGAATATTACCATGAAAGCGGTGAGCTGTAAGAATACAAACGATTGCACTGCTTAGACCCCTCAAGATGCTGAAGAGCGTTAACTCTATGACCGAAGAAGACGGTTTTTCAAC CCAGGACTATCTGCACTGTGCTGTGAGCGCCCAAAAAACCCGCGCGCATGAACACGAGATCAATATCACCAATTGCTGGCGCATGTTATTTGACTCTGGCCACAACGTGGACCTATTCTATCTGTCTCCTGAG GAATTGCTGCAACTCCAGGGCGCGATGCTTTGAAAACGGTCATGGAACCTACAATGTACTTAATAAACATATGGAAGAGAGTGAAATCGATTATCTTCCGATGGTTTAAAAATCACCAAGTACAAATGCGACGTG ATCCTGATTCGCCAGAAGGATCAACCAGAACGGCGTCGCTTGGTAAGTGTATCGAAAAACCGCCTACGGCGAGTAAAATTGCACCGCTGGGAGGCCCGGTGAAATTTACGCCGAACAACAGTGA

238	OON23240.1-2	2259	5525	CGCCGTCCAGAATTCGCATTAATAACAAAAACGCGGTTTCGCCGTTTTAATACATGGCGAATGATATGCATTATCACCGGCTCTTACGTGTGGAGTCTCCGGTTACTCAGCACGCTACTGTCTGTTCAAGTCTGGAGCAAAACCGTGGGAAAACTTTACCCAGATCGACATCCGCGACTGCCAATTATCCGCGATGGAAAGCCCGATCTTAGTCAGAGCATCAGCGACGATGTACAGGCCACGGACGAGTTCAAGGAACTGGTGTGCGACGTTACCCCTGATGTTCAATCTGGACTCTTCAGAGAAGATGCTCTATCGCAGTCACTGATCGATGGAATCATTCTGTATAAAGTTCGCTCGCTGCCGCTTAAAGTCGTCGAGTTCGATAAGGGCGCCACAGTACAGCTGAGCAACTGCCAATACGTTTACTTCGGTGAAACACCGTTTGCCTCGCCGCTCCATGATGGGAACAGGCAACCCGCGCTGTTTCAAGAAGTGGTTGGCCGTGCAAGTCAATGTGTTTAAATACCCGCGTCGACAGTCTGTTATGGGTATAAATCTTCGCCATTGAAGACCCGACCAGGAGCACATTTCCGGCCCGCAGTATACCTTTACCTGTACATGCTGCGTGAAGCGTGTGCAACACGCGCTCCGTTAACGGCTCGAACCAAGATGGGTGCGAGAACTCTGCGAAGAGTCAAAACCGCAGCTTTATTTCCGGCCCTTGAGGACGACGCTCCGAACTGAGTTCACCTTCTGTTTAGACCGTATTCATCAGGGTTCCGCGTGTGAGTTCGTATACTGGGTTGCTGAGCATCCGCCACGAAGAGCGTTTTCCCTACATGGTTTCTGCCATGTACGCTACTGGCAGCGCTTATGGGTAACCTTTTCATGAGACGATCGATGTGAGCGACTGCGAATTAATCCCGATTACTCAGAAAACGAGCTCCAATGAACATCAGACAACAATGGTCGATCGTAACAGTCTCAGGAATCCAACCTTACAATGTATCTCGTCCCAAGATAAACGTTGGTTGAAACTTTTCGCGGATCAAGTGAATCTTGGTAAACCTTATGGAAAAGTTGCAATCGAAGAAATTGAGGAATCGCCGTTCCCGGGTAAACGCTGACATTTGAAGTGACTTTAAATCAGAATCAACGGGAGAAGACTGTTGAGAGCAACGAGGAGGCGTGTAGTAACGATATGCATTTTATGTTTGCAAAGGTCTTACTGGTGGAAGAATTGGAAAAACGAAGAAACCTTTGAATCAGCCAGTGCAAAAATGTACCCGCTTCAAGGCACAAACCACCACCAAGGGTGCCCTCGGCCACCGGTGATATGGAAGTGAAGAAATGGTCAGCAAGGCAGTAGAAGTGTACAACGAGAAGTTAGCGGATTTCTATATTTTGGCGAAGACAGCGTACAGAACGTGCTTTAGAGAATCGTGTACAGTGCTCAGTAACTGTGTGGCAGCGCCCTTGGTTAGGTGAAATGAACGTATCTGGCTGCATAATTGCCATGATTCTACTCTTACCCTCCTCCGAGGGGTGCATCAAATTAGTGATGAGGAAGAGAACAGCAACGCATTTAAGGACGCGGTGAAACGTCTGGGTGAGATGTATACCACAGATGAACCGATTATTTACTCTGTGAAACACGAGAACGCGACTGCTCAGCAAAATGCGACCCAGCGCTGATTGGCTGGTCTGATCCTGGAACCGGTGGGCTGCGATTATACTAAACCGAACAGTAATTCACCAAGCATGCGGTGATTGGCGTAACCGAGCAAAAGTGAAGTGCTGGCGGAAATTGTGCAAGAAGTGTGAGGATTAGCCATCGCGTTCTTCGCTTAACGGGATGCTCGCGATCATGGAGCCGATCCCGAACGCTTACTTAAACCAAGCGAATATGAAACAGTTTCTTTCAAACGTACCTGCGCAAGCTTGGGAGCTGTTCCACAGCTGATGCGCAATCCGCGCAATTGTTCAACGTAGTGGAAGTGTGACCATTTGAACGGGATACGGAACAGAAAATTAATATACGGCGACTTTCAGGAAACAAATTGCATTCGTGGCATTGATGACTATCGTTTGAGGGTGTCTACTCTTGGATTGCTCCCGTAAACTCCGCATGTTTTACGTAAGTGTGAGGTGAAGTTACGACAAATGAGAAAGGTGAACACGTTGCAGTTAGTTGCACCTCTTATTA
239	OON23236.1-1	1782	5048	ATGCCGATGTACAATGAAGATATTATTGGCTTGACGGTGACGACGGTTGCGCATCCCGTACCTACGTAGGAAAGCCGCTGAAGTTAAGTGAGGAAGCGTTAAAAAGCGACCGCATTTGAAATCTGACGCGGCTCGCTATTCTGTAATTAATGAGCAAAATGATGAACTGTACTGGTATGCACAGCGCGAGATCTCCTCAGGTGCTAAATGGCTGCATAAAGGTGCGATTTATGAGCTGGACCTGATTCTGCATCCAATTTATGATGAAAAACCACTTCTGCAGAACCCAGACGATGAAGAAGCATGCGCACCAGAAAGCAATTCTGTGAACGTGTCTGCGCTTCTCTGTTTGGCAGCGCGTGTGGGATAACCATAACGTAATGATGACACCTCTGAATGCCTGCGCGCGAGGGATTGACAGCGGAACGCCCCGTTGCGGAAATCCATACCAACCGGAAAAACTGATCAAAAGTACTAAAGCTTATCAGGAAGTCATCCGTGATATCCGTGAACAGCTGAAACAGAAAGTCCCAGTTACCGCCGATGCCCTTATACTGAGTATTTCTACATCGTCAAGAACTCAAGTAAAAAATGGCGATCCTGGAATATAAATGGAATCTCACTGGGTGTCTGGAGGCCAAATGCCAACAGTAGCGAGTGTTATGATAAGCTGCAGAAATGTTCCAGTCTCCACATCAGAACTCTGCTGACGTGTAGCGCCGAATTTGATTGGCCGTACGGTGCACCGTTCTGTGGGTGGAATCTTAGAGTGTCTGACCCGACGGTGTGCGGTGAGGATGAGCTGTACTCTATTACGCACCTCGCATGGCGAAAGAATTTAATACATCCCTCCCAATCGAATACCCTACCTTTATGGGCCGACCTTGAGCTGGCACTTCCGCAAAACGGAAGAATCTATTGCCCTTCTCCAGAGGATGAATAATTGGATTTTCCCGCTGATCTCTAAGGCATATATGCGGGAGCATCAGGATGATAATCGTTATCTGGATGTCTCTCCACAAGAAATTTAATATATGCGGAAACAAATTACGCCGGACGAGATCCGCCGTTTTACGGTTAAACTGCTGGTGAAACGCAAGAGCGCCACATTCACATTTATCGTCATCCTTATGAATATAAACCCGATTGAGTTGGAACGCGAGCATTGAAGAAATGTGTGGTGCAATATGACCTTATTCGTAAGAAATGGCGTGTAGCCATCGATAACTGTCAGGAGAGCGAACTGCGTAGTAGCACTAAAGCCAAACCCCTGTCGGAAGAAGAAAAATCTGAACCGTGGTTCGCTCGTATGCTGGAAGTGTGACGGAACAATTTTCAGACGTAAACCCTTTGGAAAGCCCCATTTATCGCCCGTGAAGTGCATCGCGGTATCAAACGCTCCGTGTCAGAAAACGGAATGGATACCACCTGCTGGAACCTTACAGTTAAGTTTAAATGTTTACTTGTGAGTGAGTCTATGTATTCCACTTGCATCCGGACGCTGAAAAATTTATTTGTGATGTGGTGGTCAAAAACCATGGAACACTCGGACGAGTGGGTAGTGGTGTCTGTCAGACTGCTCTCACAGCGTGAAGCTGCCACCGAATCTATTGCACAGTGGAACAATTTCCGACTGAACGCCTGATTATTGAACCGAGTGGCAGAGTCGCCTGGAACATGCGGTTCTGTGTGCATAATAGTACTTTAGTAGCACACCGAATTATACTGTTACTACGCTTGA

240	OON23236.1-2	2607	5873	ACCGATGCGCACGTAACGTGCACTCTTGAGACCGAAGCAGTGC GCGCGATGTTTGAACCTAACATGGACATTGAGTGGCCAGTCAACAACTCCGCTCCTGCCGGGTGGTGATCACCGAAAGCGAAGGCGGCATCTC CAATGTGGAAATTTACAACTGCAAAGAAGAGTACCTGAGCGGTGTTCCGCCACGAGTGGAACCTACCGTCCGATGCGTAAACGCGAAATTAATTCAGATGCGTTCGTCAAACCTGCAGAACTGGCGGTGTCTAAAG CTAATAAAATCCTTACAACGAGCGACTTTTACTACAAATTATCTCACATTAGCGTAGCGAGGCGAAGGTGGACGATATGGTGAGCGTCGAATTTGAAATGGTTCTCATTAAACCGACTGTAACCGTGTGACGAGA CGAACTCCTTTGGACAGAGCGAATGCTCCTTCCAGGACTTTGGCTGCGCGGCCCTGTGAGCTCAGCCATTCAATTTAGCAAAAAAGCCTCCACTTAGCGTCATATCAGGCGTATTCTATTAATCACGAGACCACGAC CTCCCGCGATGAACAAACGGTGAATATTAGCTTAAATGTCAACCAACGACAAACCAGTTTGATGCCGAAATGCCGCGTTGTACCCAAACCTTATCCCGTTTCGAGCGCAATGGTATGTCACGTACAAGCGCGCTCTAT CTCGTGGGTACACTCGTTCGTGACGTGCGCGTTTCCAACGTGCGCGTCTGGATCCAACCCCGCCCACTTGAACCTGCCAAGTACTTACCTGGACATCATGGCAGCAGAGACCACGTTTAGTGATATTTTAAAGGAA GTTGAAGTGGATTTTAAACAAATGAATTCTATTTGAAATATTTTGGCCTGGTGACGGTGGATGATGTTGTTAACCATATGACTCAGGCGGATGCGGCCTTATTCTGTACCTTTGAAGCGATTTTCAAGAGACCAACT GGGAAAAGAAAAACGTTAACATCCTGGTTAAATCCGAAGACTACAACGGCGAGTCACAAAACCTTTGTGTCTGTAATGTCAGCGTGCATGATGGCGGCACACGAAGAAACTCATGAAGTGCGCATTTCCGGCTGCATC GCTACCCGCACTTCTGGATCTTCAGTCGCGCACGGAGACTCCTATTAACGCGAAGAGGCCGATGTTGACTCCGTACGCGAAGAAGCCATTAAAAATTTGAACAAGCAGTCTTCTACGGCCGTTACGTTTCATGTTCACT TGAGCGAAGTACTGAGCCGCCAAAAATTTTTGGCGATCGTGTTAGCATCAAACCTGTACCTTTTCATGGCGTTCTCACACCAAAGGTTCACTTAAATCCAACATTCTCCAGAATCGGTAATCGTATGCCGTGTGACGTA TTGGATTGCGACCTTTTCTAAAGAAAAAAAACCTGGATATCGAAGATTGTCGCATTTTGAACCATATCAAGCAAGATGGGTATCGCCGTAATATGAACCAAGAGGAATTCGCAAAATTTATTGTCGATCCGCTGAGC TATCGCTTTCTGCGCCTGATTAATGGCACTATTAATGCGACTGATAGTCTGAAAATCGACGACATCTACGCGCGCAATACATCGGTGGCGGTCTTTTTGAATCAGCAGCTGGTGTTAGCTCGGTCTGAACGAAACGT TTGAATCTATGCGAACCTCGTAAGCCAATCCGTGCATGAAACCTGTGCAATTTCAAGTTCACCAATCATCTGCAAGGGTCTGCCATCCATCAGCAAACTTTTATCAATGCCACTGCAAGGTACCAATCAACCGTGG CTGTTTTGGTTCAAAGAGCTGGAAGTTGTGGACTGTGTTTCGCAATTTCAAGCAACCAATGAAGACGGTCAAAGAAGGTCTGCAATCCCTCTCAACCTTACTCTGGTACGCAATAGTCGTTATGAATCTGAGCTGAGCT CGCTGCGTCAACATCTGCTGAGCACTGACAACTGATTTACGGTGATCTGAAATCCGGCGCGACGAGCAGAGCTTCGCGGTGGTAAACGCGCGGACCATTAGCATCGAATTTCCCGCGCTCACTGTAACCTCTTCAT TAAGCCAAGCCGAGTGTAATTTCTGGCGCCATTACACTTTGTGGAATGCACGCTTGTGATATCTACGAGATTTCGATGGTAAGCTGTCTACCCATTTGATCCCGAAAAATGTGCGAAGGTTCTTAACCAAAGCGA TTCTACTGTAACCAAGCTGTTACATAGTCAGAGTTGGAAAATGGACAAAGGTAACGGGCTCCCTAGCACTGAGACGAACGAGTCTGAACTCTCGATCGGTATTGTTTACTCAGTGGCCCGTGTAGAAAATGTGTCCAC GCAGTATGAAGATGGTCGTCTGGTGACGTTTAAATGCCATTCTGCAGGTGGAAACCTGTAAGACGTCCTTGCCCTGCGTAATGACACCCATTGCTCGGATTGGCTCCACAGGGGCGAGTTTGTGTTGCAAGGGGCAAA CTTTGAAGGGCTGCAGGTAAATAGCAAGCTGGAACGAAGCTGTTGACTGTTACCTGGACAATCCGCTGACGACTACCGCCGTAAGCTTTTACCAGGTGGTAGGCTTCACGTAA
241	OON22869.1-1	1782	5048	GATGTACCCCTTAATCTGAATCAGGCCGTGCATGTGGGTTTCTTACAGAATGGAGTGACGCGTAGTGCCGGCTGACCTATGAGTGATCCCTCAACATACAGTGTCAATCTGCCGTCCAAGCTGCATGAACGAAAA AATAGCCGGGAGGGCGTAGTCGGTGATAGCATCCTGTGGACTTTCAGCGTACGAAAGAAAAACGGCTGGACCCGATCTATGACGTTGTAATTACCGGACGTCTGTTTCAGCAACCGGTTTCCCTGGAAAGATAAAGC CGCGGATATTACCTATCTGAAACCTTATTTAATCGTGCCTCGGAGTTGATTACGAGCGCGAACAATGCGCTGAGCCTGTCTGGAACTGACTGATTCAGTGAAGCGAATTACAGATGCCGCCGGTTAGCAAGTT TCATCGCAACGTGACCGTGATTTTCGATCAAAGTTACAGCATCGCTAAGGTTTCGCTGATTGCGTCCGAGATGGATAACGGTAATGAAGAATGTGTCATCCGTTTTGGCGGCCGCAAGTCGGTCACTAAGATTTTAG CCTGAAATCTGATTGTACCATGGAGAATGAAACCATCGGCCTGTATGTGTAGCACACCGGATCTTATGGGTTACCCTTTCACCAATGCGACCATTTGATGCTAAAGGACTGTTTCCCAACGCCGCTCTGCAGAAATGT GGCTACTATCCCTCAGTTAAATTTGTGCCGTTTACCAAAGCTATCGATCCGCAGAGCACCGAAGACCTCAAGATTACAGTGTGTCGCTAGTACGTGCCCGGAAAAACATTCCAACCTAACTGCGACCAAGTATGGACAC ATCGTCCAGTGTGCCTACTTGGAGCTGGCCCGTACGCACGAGCCAGTAACGGGCGACGCCATTCCGGACACCGTATTAGTCACGAACGGACGTGTAACCAAGAGTCGCCGAAGTCATCACGGAACCTTAAATCGT TCACAGCAGCAAGACAGAGCTTGTAACCAAGGTCGCCGCGACCCATAGCTACTACGGCCAGTATAAATGCCGTTGCCAGACAGATGATCCATTACTTCAGTTGTTGAATCTGTGGAAACAAACTCCCGGTACAGA ATTCGATCAGGATCTGGTATTTGAGCGTAGCTTCACGGCGAAACTCGACGAACAGGAAATCCCTAATACACTGGGGTTCCTGGAATGCCGGAATTACGGGCTATTTTACCCTGATTATTTTCGGGCCATTCTCTGACG GAGAATCTCCAACCTTCGCGTAACCTATCTGGATTACGGTGAATTTACTACCATACCGAGGAATATGCGCAGACGTGCTGTTTCAGGCGTTTCCGCTGGCAAAAGGCACTCTGTATGCTGGCCCATCCGTGCTACCG GTATTGTGCAAGAAAAATGCATGGCCGGATGTGACAGATGAAGGGTTGACAACCAATGAATGGGAAACCAAGATGAGGCCGTAAACCGTCCGGAAGTTAAAGATGAAGTGCATACCATCGTCAATTTCCCGCAACG GCAGAACACAGTGC GCGCGTGGGTGTGGCGCCGCGATAGCCATGTGGTGCACATTCTGTCGATTATCAAAACGAGCCACACAACCTACGTAAGAAAAAACTGTATTTACAACGTGTGTCTGCTCAACCGGGGAGA ACCCGGAGCAGGTGTCCAGCGTAACCATTTCCGGTGACGAATGTAAACGTATTGTTGCCAGGGTGAAGTTGAATGCGAACGTACTAAAGGCGGTTTTGCCGTACAATTTACAGTCACGAACCCGTAA

242	OON22869.1-2	2754	6020	TCTGCGTCAGATTCTTATCATTTGTACGAAGTGATGGAAGATCAGGAATCGGACCGCGAGTTAGCGAAGAGCACCTCGGTGGTGCAGGGCCTGCAAGCGGAACTGGATGCAACGGATATCCGGATTAATTTGGCCG GTATCAAAGCGGAATCTGAACCAAGTGCACCCAGATGGTAGTTGTGTTTACCATTTCACAACTGATCACGGATAATAGCGCATGCCACCCGACCTTCGTAAAAATTGCAACCATCCTGGCCAGTATCAGAGAAAC TTGAGCAACAATTAGGTTCAAATCAAATCAGTTTACTGTGACGTGCCTAATGATCAGCAGCTTCGACGTTGCACTGGAAGTCCGTATTGAAGGGGGTGATGCCAGCGGCTCGGATATCACCACCAACGCACGC TGCAGCTGCTGAATCCGCGCCATCTGAAACTGGACCTGAAATTAGACACTCAGGAAGAAACCGTGACGTGGACCTCGTCCCGGAGTCTATCACAGAGGTGCTGGACAAATTTAATGTAAAGATGTGGTCTACGAAT AAAGTTTGTGGTATTTCGGAAGAACAGACACCTCCACGCGTTGATCGTCCGATTGAAACGCCGATTAAACGTATCGTTTGTGGAGAACCTGATGGCGTACCGCATCTCACTTATCGACGTTCCGAATTTCAAATCACGTG TCCTTGTGTCGATCACGAAATCGAAGTAACTCCGATTTTCAAACCATTGACGGTGAGTCCATTAAAGGGCGTTCGAAGTAACGTTGCGATTTCGAAGGTAAGATTGGACAATCGGGCGTAAAAATGGGATAAGTCTGCTG CAAATCGTACGGCCGTATCTATGTGATCCCTAGTCAACCTGCGTTATGTCTGCGCGATAATCCGGCAATTACCGTAAAACTGCCTCCTGATGATGGGTCTGGCACCGCCACGCCGAATCAGCTGGTTGATGGTTT CCATCTCGAAGCCGAAGAAGGGGGCCTGGGGTCTGACTTCGGCAAGTGGTATACCATCAAGGAGTTGCAGCCAGGCGCCGTTATGAAGTCAAAGCAACCGTGCTTTATCCTACTGGAATCCAGACGAAACGTTCTG CAGCCGAAGTGTTCGACCTCAGATGAAGTCTTTGTTTCGTCAAGCGAAGTTAGCGTAAAGCCGGGAGACCGTTTAGAAATTCAGTGACCCGGTGCGTTGGTCCGAATGATTCTCTGAAAAAACGTTTAGAATGG AAGCGTGC GGATGGCAGCCAATTGCCGGATGGCACGCGATTGAAACTGTTACCGCCACCGGAAAGCGACCTAAAAACATGGAAACTGTGAAACTGGTCTTCGAAGAAGTTGAAGCCGGTCAAGCGAATACTTACG CGTGCTTCATTAACCTTCAGTGGCCAGCCAGGTTGGTGACAGTATGTTCCGCCGACCGTTCTGTGTTGTGTAACGTCCTTGAAGTGGATATCCAAAGTCATGTGCTGAATGTGCGCCGACCCATCACTGTGCAATG TCGCGCTCACCAGGGCAGTACGCTCATATGGACTTACCTGGCGCGCGGTGTCAGTAAGGATCGCCAACGCGAAGAACCATACGTAACCGACGTTAAAAACGAACAGGGTACCATTTCGCTGCTGCATATCCCGC GCGTCAAATTAGCTCAGACTGGGCAATCTGTGCAAGCAAGATGGGACAGATAATCACCCTGCCTTTAACTGAAAATGCAGGAGGATGTCGCTATTGTAGTTGATGAAGACAGCTCACAGCTTGACGGCGAAACA TTCAGCATCACATGCAACGCTTTGCTGGGCCACGCCGATCAAAAAGTCGAATGGTATCGTCGGGAAGGCGATGGTCACCTTGGACGCCAGTTAGCTACGCGAGCCTCGAGGATGAATCGATTAAAGATTACTAACCA GAATGCCGAATCTCCAACGCTGATAATGTTGTCAGTAGCCAGTTACGCATGATTAATTCGCCGGCCAGCGCTGGTGAATTTGCGTGCGCGCTGAAAGTCTATGAGCGGAGACTCTAAACAGTTTCGCACGCGAAACCA TGGAGCTGCCGAAAACCTCGGCATCAGTGCACTTGGACTCTATCCCTGTGATTAACTGGATCGTGCTCGTGTGAGCCGTCAACAGGTTGTTGTGAAGTGCACGGGCTTCCCGCCCATGAGGAGGACCACCTGG AGTGGTATTACGTTTCAGTACCGGCAACCTGGAGATCCCTATCGGTAACGCGCAGCACAAGAAGAACCAGATAACCAGGAACTGGTACAAGTCTGCAAGCCACAATGCGTATCACTGATTCCACCCCTGCGTCTT GGCCAGGCCTGTCATACCGGTACTTCTGGCAGCGAGCCGTGCGATTGCCGCCGCAACGCCGAAATTTTAGTGTTCACTCCCGAAGTGCTGGAAGTACGCGTTACCAATGCGACAGAAACAGGGATTGATCCGCGT CTTATCGATGGTAGCATTAGCTGCCGTTATCGCCGCCACGCGCAGTAATGAAAATCAAAGAGGGCAAATTTGCTGACCCAGGAAGTAACCCCGTCTTACATCGAGAAACTGATCCAAATTAATCAGCTGCTCGGGAGT GACTACCCGAGTGAGGAAGGGATCGTCGAGCTGTTTTACAGGAAAGTGACGAAAATAATGCAATGCGTTTTGGGCAAAAAAACTCAAATGGCTGCCCATCATCTGGCCTTTGCCCTGATCTCTGCAGATTCTG TAA
243	OON20372.1-1	1782	5048	ATGTCGAAACACGTAAACAAAACCGGCTGCGACCGCCGCTTACCTTCGAAAAACAATCGCGAGTGCTCTCACCTGTTCTGCCACCGTCCGGCGGATAACTATTCCACTCAACACGATATTGTCACAGCCTGTAATC AGTTGAGCTCGGTGGCCTGCAGTGTGATGTTTTGTAACGAACCACAAAATCTGACCTCCACATCCAGTATTGGAAGTTTCGCTTCTGCCACCTTTGGCCCGTCTTATATTACCTTATACGGGAGCCACGGGAATAT CAGGACATTGAGGATAAATACAAAGGTTTAAACAAAGGCAAGGGCGATGGTGCTGCTACCGCGGACGTATTCTGGTGAACTGAAAACGGAAGTCTCGACGACCCGATTCTGACCAGGTGCGTCCCATTGAGC CAGACATCAAATGTTCCCGTCGTCGAAATTCGGTTTACAGACGGCGTTCTGTCCGCGACACAAATGCCCGGTGAAAAGGACGACCCGGTAGAGTTTCGAGGTGAGTGTAGGCAACTACGGGTATAAACTTGACACG AGCGTCCCGCGTGCCCTAGTATTACCCCCGACTAACCCGGTCTACGACGGCATGGCGTACTCATTCTGCCGTGGCAAGGCGACAAACCGTGCACTGTGGTAGATCCGAGTTTGAAGATATCACCTTTCGTTGT TTGCTGTGAACATGCTGCAGCACATGGCGGCAAACTGAGCGAGAATTTAGTGAAACTGGAATGGGCCATCCGTGCTAAAGCAGCGCAAGAACATCTTGCGAATCTGGCTATTAGCGCGTGGATCAGTTCATCCTG GATTGCGGCAAGCAGCTGCCTAGCTGGGAACCGGAAATTCACCGGTTAATGAAATGGATCGTCATATGCGTGAAGTGCAGTGGATCAAATCGCCCGCTTAGGCCAGGATGCGGCCGAAGCGCGCAGACCTGG CAAGCATTGACGATGCGGTAGCCCTGATGCAAGAATATTTGGCAATCGTTAAACAGCTGTCCATGGAACCGCAGCTGAGTTTTCAGATATCGTAATTTGGATGCTGTCCGGCGGTAAACGTAAGCCTACCATCGCA TCCCTGCGCATGAACAATTACGGCTGTATGATGAGTCTGAGGATAAGTCTTTCGGATTCTGTGACAGGTGACGGCTATTTCTGGCTTGGCTTTGAAAAAAACCAAGCGGTTTGAAAGAACAGTTACATGAAGCAA AACAGCGCGTCGTTGCTGAAACCTATGAAAAATCAGGCGTCGACCTTTGGTTATATTTCTTCGCGTCGCCCGCTCTGACCCGGTATGCGTGAGGCGATTCCGCGGGGAAAAAAGAAATTGAAAAAAGAGCTGTTTCATC CGCTGCCGTTGGGATTGGGACGGTGATTGGTATGTGGATCCAGAAGTGAAGTGTCTGATTAAAGCAGGATGCCGGGCAGACCATCTATGTGGAAGAAGTGTTCGCAACGAAACCCGGACCCCGGAAACCGAATG GCGTCTGCAAAACCATGCTATACGGATGATATCGGCAATGAGCGTGAGGCGCCGACCGGATGGTGTGAGGCCAGGCTGGAGCTGGGATGGTATTGGCATGTGATCTCGGTGCTCTGTGATGAAGACGGC TACGAATACTCACTTCTCAGACCGAACGCAATTTCAACCCACCGAACATTTGGAACATATGTTCCGCCGCGTCGATGACTCGCAACCGCTATTTGGTGAAGCCGGCACACCGGTGAAGGGCGCGTAA

244	OON20372.1-2	3180	6446	GAAAGCATGAGTACTTCTAAAACCGAAGCGTGGGAATACGCGTTTAACTTCGATAGCAAATTTACCTGAAAGAGAAGGGGACCGATATGGTTCGTCGCGCTTGGCACCGGAACTTGAAGCAGAAGCAACCGTCCAGCAGCACCGACTTTGTTATGCATCTTAGCATTGATTCAAGCCCCGGAACCTGGCTTCTACCTGTATTAATCCGCGCGCAGTAGCTTCTTTTTCGTGGGCTGCAGACCCGTCGCGATGGCAACTGCGCGCGTACATTTCCAGGCGCGCAACCTGCTGGCGCTGGATCAATCAGGTTGGTCGGATCCTTACATCTTTGCAGCTTTTCAGGGCATGTGCTCTGCGTACGGAGACCTTGCAACAAACAATCTGCCGACCTGGGATCAGACGCTGATCTTTGAACGCGTTCGCATTTATGGCCCCCTGAAGCCATGCAGATCAGTCCGCCCTACCGTGACATTGGAAATTTTTCGATCAAGATCAAGTTGGGAACCTGTGAGATCGACGGCCAAAGAAATCCCCGGTCCCTCCGCCGCGTCGTGGAGATATCTACAAAGTCCAGATGTAATCCGCCCAAACCTGCGTCGCACAGGAATCGAGATTCTGTGCTGGGGTGTGCGTAACATGGCTAAATACGAGCTTGCTCGGTGAACCTCTCCGAGTGTGGAATTTGAAATTGCCGGCGAACAGGTGGAATCCAAAAAAGTGAATCTGCGAAAGACAACCCGAACCTTGACGATCCTGTGCTCTTCTGGATGTAATGCTGCCGTTGTGACCTTTACTACCACCGCTTAATATCACCGTCGTGGACCATCGCGCATTCGGCCAGCGTCCCAAGGTGGGTGCCATGTCTGACAAGCTTGAACCTGTACCGTGTGAACCCACGCACACGGAATGATCCATTGGACCTGGAGCAGATTGATGACGAGGTGATTGGTGGTCCAAGTATTATGCTTCCCTGGGCGAATGGGGTCTGTGTCGGAACATAAAGAACTGGGCTACGATACGCTTCAAGTACTGAATGGCCCCGCTGGAAAAAGAGGAAGATTTCATGAATCAAAGACTTTTGC GACAACATGCCACTGAAAGCTATCAAGAAATCCTCGGAAGATGCGGATGATGAGGTAGGCTATTTCAAGGGCACGTTTCGCATCTATGCACTGCCCGAGGACCCGAAAGCCGATTTACCTGTGCGCTATTTAAAGACTTGATGGTCACTCCGAAACCGGAAGACTGCATTGTCCGCGTTTACATTATTAAGCAACTGATCTGCAGCCGAATGATCCGTCCGGTCTGGCCGATCCGTATATTGAAATCAAATTAGGCAACAAAAAAGTGACACGCAAGACAAATACGTTCCGAACACGCTGAACCCGGAGTTCGGTCTGATGTTTGAACGAAATGCCGCTTCCGGTAGAGAAAGATTTCGCTATTCGTGTGATGGATTACGACATGGTGGGCGCCAACGACACCATCGGAGAGACGTATATCGACTAGAAAAATCGGCGGCTGACGAAGTATCGCGCCACATGCGGCATCCCAACCTCTACTACATTGATGGCCCCGAACAAATGGCGTGACAGCAAAGTGCCGACAGCGTTACTGATGGACATGTGCCGACGTATGGCTGCCTCCTCCGGAATTTACCGAAACCGACGAAAAATAATAGCAGCCCCAGCTGCCGCTCGCTACCAAAGTTTTTACGCTGGATCAATTGAGACAGCGCTGGTGCCGAACCTCACCGTGGACCGCTAAAGAACGTTTAGCGTTACACATCTTAAATATCTTACCGTTGGTGAAAGAGCACGTAGAATCCCGTCCGCTCTTCAACCCGGTACAGCCGATCTGGAACAGGGTGCCTCCATATGTGGGTGGATTATTTCCAGTGTCTGATGGACCTCCGGGCCGCGCATTGATATCAGCCACGTCAACCTTCGCCATACGTTCTGCGTATTGTGGTCTGGAATACGGTGGAAAGTGGTTCTTCAAGAGGCGAATCTGTTTGGTGAAAAAATGTCCGATATTTTGTGAAAGGTTGGATCAGCGCGTAGATGAACGTGAGAAACGGATGTACATTACCGCAGCCTTAACGGTGAAGGTAACCTCAATTGGCGCTTTGTGTTCCGTTTGATTATATGCCGCTGAGAATATGCTGTGGTGCGTCGGAAGAGTCTTTTTTAGCTTAGATGCGACAGAACGCCCTGCCGCCGTCTGATCATGCAAGTGTGGGACAACGATCTGTTAACCCAAACGATTTCCTGGGACGTTGGAGCTGAAATTAAGTAACATGCCGCTCCAGCTAAAAACGCGAAACTCTGTACGCTGAATATGATGCAATCAGCGGGCTCTGATAATCAGATGATTAACCTGTTTGACTGTGCGCGTACGAAGGGCTTTTGGCGTTTATGAACGATCAGGATGGAACCGCGGTTCTGACCGGCAAGATCGAAATGGAAGTGAAGTGTGACGAAGGAAGAGGAGCGCTTACGGCCGGCGGGACGTGCCCGTATGAAACCAATTTAAATCCTAAGCTGAACCCGCCGAACCGTCCGCAACAAGCTTCTGTGGATCAGCTCTCCGTGGAAATCATTCAAATATATTATTTGGAATAATGTAATGGGTGTTATTGGCGTGTCTGATCGCTATTTTGGTGGGTCTGTTACTGGCGCTGTTCAATTATGCAATTCGGAATCGCCCACTCCAGGACGAAAGTTCACCGCCGAAACGCCCTATCTGGAACAAGTGACGTCTAGCAGTCTGGCGAAAAATCATTCACTCAGAAGCTGTTATTTCCGGAACCTATTGATCTGTTATTTAAAAAAGATT TTAAAAAATTCGCGAGGCGGTGGCGCACTCCCTGTTTAATTGACCGCCCCGAGACTCCGCAGGAGCACTGGGTTTTAATCAATGAACGCAACTATGATTTGATGTGGCTCGATTTCGCGAGTCGGCACGGGACGATATCACTGAAGACTCCGGCCGAGTGAAGAATGTGACGCGATGGATGCGACACTGCTGAAGATCCGCATCTACTATGAATCTATCCGTCCGAAGTCCAATTTCCGCCAGTATACATCAATGGGACGGTGGAGTTTCGTCAGTAA
245	OON15278.1-1	1782	5048	ATGGAACCGAATGATCCGATTTCAAATATCTGGCGGTGAGACGTAAGGCGCTGTGAAAGAGCTGGCGAATTTGATTCCAAAAATGTTATTTGGTGGAAGACGAAAAAGAGGGCTACATTCTCGCCGATATTGTCGAGACCTCAGGCGACACGATTACGGTCAAGCTGAAAGATGGAGTAGAGAAAAAGGTGAAAAAGATGACGCGCAGCAGGTAAACCCGCCGAAGTCTTTTTGATCGAAGACATGGCAAACTCTGACGTTTCTGAATGACGCCAGCGTTCTGGAATAACCTTCGCGCACGTTATTAACGCCAGCTCATCTATACGTAAGTCTCAGGCTGTTTTGTGTAGCTGTGAATCCGTATAAACGCTTCCCGATCTATACGGCACAAGTTGCCCTGAAGTACAAAGGAAAAAGTCTGAAATGCCCCGACATTTTCAGTATCTCCGACAACGCATATCACAACATGCTGCAAGACCCGGGAAAAACCAATCGATTCTGATTACCGGCGAGAGCGCGCAGGCAAGACGGAACGAAAAACGAAAAAGTATAGTTACTTCGCGATCGTTGCGGACGCCCCGAAAAAAGATGACGATGAAAGCTCTAAAAAAGTTGCTCGAAGACCAGATCGTGCAAGCGAATCCGGTCTGGAAGCATATGGCAATGCCAAAACGACCCGGAATAACAACAGCTCTCGTTTTGGTAAATTCATTGCGATCCATTTTGGCACTACCGGCAAAATGCGGCGCGGATATCGAACATTATCTGCTTGAGAAAAAGTGTGTGGTGAGTCAGATGAAAGGTGAGCGGAATATCACATTTTCTATCAGCTGTTGTCTGATTATGGCAAAAAATATCATGATAAATACTCGTCGCTGCCGATCCTGGGTATATTCAATTCATTCAATTAATCAGGGCGAACTTACTATTGACGGTGTGGATGATAGTGAAGAAATGCGTCTGTGTGATGAAGCATTGCAAGTGCTGGGTTTTAGCGAAGAAGAGAAAAATGAGTCTGTACAATGCACGACCAGCATCTGCAATCTGGGAGAGATGAAATTTAAGCAGCGCCCGCTGAAGAACAGGCTGAAGCTGATGGTACGGCAGAATGCGAGAAGGTAGCATTCTGCTGGGAGTTAATGCGAAAGATCTCATGACGTCCTTCTTAAAGCCGAAAGTGAAAGTGGGCACCGAGTTCGTACGAAAGGCCAAAAATTTAAACCGGTAACCTTATGCACTGAGCGCATTGGCAAAGAGCCTTTACAACCGCATGTTTGGCTGGTTAGTTGCGCGTGTTAACAAAACGCTGGACAAAAAGTGAACGTCAAGTTTTCATTGGGGTGTGGATATCGCGGGTTTGAAATTTTCGATGAAAAACGGCTTCGAACAGATCTGCATCAATTACACCAACGAGCGCTCCAACAGTTCTTCAATCACCATATGTTTGTCTCGAGCAGGAGGAATCAAAACGTGAGAAAAATCCAGTGAGCTTTTATTGATTTGGTATGGATCTGCAAGCCTGCATTGATTTAATTGAAAAACCATGGGTATCCTGAGTATTCTGAAGAAGAGTGCAATTGTGCTTAAAGCCACCGATCAGACCTTCTGAGCAAACTCTATGACAATCACTTAGGCAAAAGTCCGAACCTCACCAAGCCCAAGCCGCCGAAAGCGGGTCAGAAAGAGGCGCACTTTGAGCTTCATCATTACGCGGGGTCCGTACCGTATACGATTACCGGGTGGCTGGAAAAAATAAGGACTGA

246	OON15278.1-2	1782	5048	CCGCTGAACGATACCGTAGTAAACTTGCTGGGCGGTTGCGAAAGATGCGTTAGTTTCCCACTGTTCTGACCGGTTGTTGCGGAAAGCGGGGAAAAAACAAAAGGTGGAAGTTTCTTGACCGTGTCTTTATGCATCGC GAAAGCCTGAACAAGCTTATGAAAAACCTCCACAGTACCTCGCCGCACCTTCATTCGTTGTATCGTGCCTAACGAATTCAAGCAGCCGGGTGTCGTTGACGCGCACCTTGTACTTCACCAACTGCATTGCAATGGCGTAC TGGAAGGTATTTCGCATCTGCCGCAAAGGTTTTCCAAATCGCATGATTTATAGCGAATTCAAACAACGCTATTCTATTCTGGCGCCGAATGTTATTCTGAAGGGTTCGTGGATGGTCGTCAAGTGACCGGAAAAATCCT CGAAGCGACTAACCTCGATAAAAGTCTGTACCAGTGCGGCAACACAAAAAGTCTTCTTCAAAGCGGGTACCTTAGCTTCGTTAGAAAGATATGCGCGATGAGAAATTAATGTTATCATTGCCTTATTTCAAGCAGAAATT CGCGGCTACCTGATGCGCAAACAATATAAAAAATTGCAGGACCAGCGTGTGCCCTGACCCTTATGCAGCGCAACATCCGCAAAATATCTGATGTTACGTAATTGGCCGTGGTGGCGCTTGATGCGAAAGTAAACCC ATGCTGAATGTAGCACGTCAAGAGGAGGAGATGAAAAAGCCGCCGAAGAACTTGCGAAGTTAAAAGAAGAATTCGAGAAATTGAAAAACTGAAAAAGAATTAGAAGAGCAGAACGTTACAGTGCTGCAGCAG AAGAACGACCTGTTCTGCGCTGCAAAACGGAACAGGATTCTTAGCGGAAGCCGAGGAAAAAGATCTCGAAGTTGGTGCTTCAACGTGGCGATTGGAACACGTAATTAAGAATTGGAAGAACGCTGGCAGACG AAGAGGACGCAAATTCCTGAATGAAATGAAAAAAAGCTGAACGCGGAGATTGATGAACTGAAAAAGGATGTTGAAGACCTGGAAGATTCACTGCAAAAAGCTGAACAGGAGAAACAGACAAAGGATAACC AGATTCGTACCTTGCAAGGTGAAATTGCGCAGCAAGACGAACAGATCACAAAAGTGAACAAAGACAAGAAGGCCCTGGAAGAGCAGAACAAACGCACTCAGGAAAGCCCTGCAGGCAGAGGAAGATAAAGTGAACC ACTTGAACAACTGAAGGCTAAACTGGAGAGCACGCTTGATGAAATGGAGGAAAACTTGACACGGGAGCAGAAAGTGCGCGCCGATGTGAAAAAGCGAAACGTAATTTGGAGGGTGATCTGAAGGCGACGCGAG GAAACCGTAGACGACTTGAACGGGTAAACGCTGATCTCGAGGAACAGCTGCGTCGCCGCGAAGTGGAATCGGCGGCTTGAATTTCAAATTTGAAGATGAACAAAGCATTGTCGCGCAGTTACAACGTAATAATTA AAGAGCTGCAAAACCCGATTCAAGAGCTGGAAGAAGATTAGAAGCTGAACGCGCGGCTCGCAGCAAGGCCGAAAAAGGCCCGCAGAGGCGAGTCATGTCGAAGCGGAGTTAGAAGAAGTTGTAGAACGCTCTGG AAGAACAAGATGGCGTGAATGCGCAGCAGGTCGATCGACCAAGAAACGCGAATCTGAATTAATGAAGTTGAAACGCGATCTGAGGAGCGCGCGCTCAGAATGAACAGGCAATTGCAGCCATGCGCAAAAAAC AGAACTGA
247	OON15278.1-3	2241	5507	GACTCTGTCAATGAAATGGCGGATCAGCTCGATCAGCTGAATAAGGCGAAAGCGAAAGCCGAAAAAGGAACGCAATCAGTTCAAGGCGGAGGTGGACGATCTGCATTCTCAGCTGGAATCCCTCTCTAAGGCGAAGA TGAACGCAGAAAAAGAACACCAAAGGCTTAGAGACTCAAATTCAGGAACTGCATGCTAAATTGGATGAAACGACGAACAGCTGAGTGAACAAGCTTCTGGCAAAGCACGGAATAGTCAGGAAAATGCGGAGCTGC AGCGTCAGTTGGAGGAAGCTGAAAGCCAGCTGAGCCAGCTGTCGAAAGTGAACAACAGCTGAGCGCCCAGCTGGAAGAAGCTCGGCATAGCTTGAAGAGGAGTCCCGCATGAAAGCAAACCTGAATAGCGAAG TGCGTAATTTGACATCAGATCTTGATTGCTGCGTGAATCTCTGGAGGAGGAGCAAAGCGGCAAAGCTGATTTGCAACGTCACTGCAAAAAATGCAGGGTGAGCTCCAACAATTGCGCTCTCGTGGTGGCGGTGGC GACGTCGCTCCGAGGAAATGGAAGAATTGAAACGTCGCTGTAATGGCAAAATCCAGGAACTGGAAGCGGAGTGCGAATCAGCTAAGTCAAATGTGGTCAATTAGAAAAACGAAAGCACGCTCCAAGGCGAG TTAGAAGATCTGATGGTGGATGTGGAACGCGCAAATGGTATGGCGTCCCAGCTGGAGCGTAAACAGGCCAACTTCAATCGCACCTGGCGGAATGGCAAAAAAATTGCGGACTCACAGGCCGAGTTAGAAAATA GTCAACGTGATGCGCGCAATCAATCTACTGAAATGTTCCGTCTGAAAGCGCAGCTGGAGGAGGCACACGAACAAATCGAGGCGGTGCGCCGCGAAAAACAAGAACCTGTCGACGAAATCCACGACTTGACGGAACA ACTGGGAGAGGGCGGCCGCTCGGTGCACGAAATCGACAAGGCCGCTCGTCGCTGGAATGGAAAAGGAGGAATCGAAGCGACTCGTAAGAACCACAGCGCGCAATGGAAGCCAGCAGGCAAGCTTAGAAGCTGAGG CAAAAGGGAAAGCCGAAGCATTGCGCATTAAAGAAAAACTGGAACAGGACATCAACGAGTTAGAAGTTTCGCTGGACGCCGGAACCGTAACCGTGCGGAACAGGAAAAAGACGTAAAAAACTGCAACAGCAGG TGCGTGAAGTCCAGGGCCAGTTGGAAGATGAGCAGCGGCAACGTGATGACATTCGCGAACAGTTTCAGCGCGCTGAGCGTCTGTGCAACATGATGAGCGGAGAAATTGAAGAACTGCGCACAGCGCTGGAACAAG CCGAACGTGGTTCGAAGATGGCCGAAGCGGAACGCGCAGAGGCTGCCGACCGCGACCGAATTGTCAACCCAGGCCGCTCGCTGGCGGCACAGAAACGAAACTGGAGGCGGACTTAGCCGCTATGCAAGCAG ATCTGGAAGAAGCGGCAACGAGGCCAAACAAGCAGACGAGCGGCCAAAAAGGCCATGGCCGACTCTCCCGTGTGTTTGGAGAAATTCGCCAGGAACAGGAACATACCCAGCATGTTGAAAAAGCCCGTAAACA GTTGGAGCTTCAGGTCAAAGAGATGCAGGCGCGCTGGAAGATACCGAATCAGGCGCAGCTAAAAACGGCCGCAAAGCTGTGGGCAACTGGAACAGCGCGTGCGGAATTGGAACGGAGTTAGAAGCGGAAC AGCGCCGTCACGGCGAGACGTTGAAAACTTACGTAAAGTCGACCGCCGATGAAAGAAATTCGATGCAGAGTGAGGAAGATAAGAAAAATCATGAGCGGATGCAGGAGCTGGTCGAGAAGCTTCAGGGGAAAA TTAAACCTACAAACGGCAAGTAGAAGAAGCGGAAGAAATTGCCGCGATCAACTAGCAAAATATCGCAAGATTGAGCATGAGATCGAAGATGCAGAGGAACGTGCTGATCAGGCAGAGCAGGCGCTCCAAAACT GCGGGCAAAGAACCGTAGCTCAGTGTGCGGCGCACGCGGAGTCTCGGCAGCGCCGCGGGCGCTGGGCGGCTTAA

248	OON18030.1-1	1776	5042	ATCGTAGATCCCGATGCCTTTATTACAGTCCCGTCCACCCTGTACGTGGAACATGAAAACCTGATCAGTGTTGCGACGTTACAACAAATCCCATCGGCGCAGCTGATTACGAGTATCCCGTCACTGAATCACAAAGTTG TGGACACTAAACAGCTGGACTTATCTACTAAATCCCAGGATAACCTGTACGGTCAGGACATCTTACAAAGCACCTTTTGTCCAATCACGGAAAAAGCGCCGATGTCCAAGTGAACCTTCCCTCACATTTTGCACC AATCCAGAATGCACAGAAAAACTGTAAACATCTTACTGCCGACACCCGCATCGCGCGCCGCGGTCAATTGTCTGGGTGAGACGGATAAGCCGATCTATCGTCCGGCCGAGAATGTTGCTTCCGCTTCTTAACA CTCACCCCAATTCACGGTGCCGCTGAATGGCCGATTAATTACCCAACCTCAACAATTAGTTGGCGGTGCTACCGACGGGGAGTTGACCCTGGACACGTTACATCTGAGCACGCCGAGACTCTGACCCGTGTCGTT TACGACGAAATCTACGTCAAAGACGACAAAGGCAATCGTTTGAAGCGCTGGCTCAACGTGTCCCAGCTGAAGCAGCAAAATTGAGCTACTCATTACTGGCTGACGCTCAGGAGGGCAAGTGGGCGCTTGTGCCAA CGTGCTGGGTGAAACGGAGACCCTGAGTTTCTGTCAAACATTTTGTCTTCTCGCTTTGTTGTAGAAATCTCCCCGCCGAAAGGTCTGACCTTCGAGTGAACCTTACAGAGTACTCAGTTTGCGCCGTTTACTACTA ACGGGCCCGCGATGGGCGGTAGCGTTTCGAGTTACCTGTGCGTATGCGATGGGCGCGGTGCTCTGAAACCGATCTCTCGATTGAAGATGACGTTCTGATACCGGCACCTGTCCCGCGATAGCGGCTCCCATGCG GCGCGTCCGTGCGTGACGAGAACGACATCTGCAGAAAGATGGGTGCGTCAAATCTCACCTAGCACCGAAAAGCTGCATCTGAAAAACCGCGACTATCGGATTTGGGGCCAGCAGCTGATCGTATGCGCTGAAGT TAAAGAGGAGGGCACCGGGTCGAATGTGACCCGTTGCGAAGTAGGCGAAGCCCTTTTGCGCCGCCAGGCAACTATGGAGATTACCGCGCCCTCGGTGTATAAACCCGACTGCCGATCTCCATTGCCCTGAAAAATTA ACGGCCCCGTCTTGGCAGATGCTGAAATTAAGTGTGGAATGACGTGAGAGCTGGAACAGCTGCTTTCGATGTGGCACCCGCTGTGCGGTGCGCCGGATCAGGGTGCCTACCAATATAGCACTAAAGTTAAACAGAT TCGACGGGTTTTGCACAAATTGGTTATCCCCCGCGCTCTACCACCTCCGGCATCAGCGTTAAAGCCATTTATTCCTTAAACAATACAAATAAACGTGCGAAACGCTGGGTAGTCATGCCCGCTGGGAACGAAGATCAGT CAACCCAGCAGATTGTGGCCTATGCGCACCTGAGCGCTGGGATAGCCTGAGCGGCACCTCTATGCAAGTCTGGCCGAATGAAAAAGCATTTTCACTGAGCCCGTCAAGCCTTGTGACTGTAACCTGCTGGGTAAAC GTGCCCTGTAGATAAAACCTTATTGTGCAGACAATGTTGCGCGGTAAAGTGGTGAAACATATTGTTGCCCGTTAGATGGAGTACCAGAATACTGCGAGGATCGTGACGATAATTAA
249	OON18030.1-2	1773	5039	CTCGGTCATTACAAATGTCAGAAGAATACCGCAGATGGGATTAAATGTTTGCGGGGTTGGCAAGGGAAAGATTGCTTACAGCCGATCTGTGCCGAGGTTGTAACAGCCGTGGAGGCTTTTGTGAGGTACCCGGTGT GTGTACTTGCCGCAAAGGATGGACCGGCAGTAATTGTGAGATCTGCCTGAAACGTGAGGGATGTGTCCATGGTCAGTGCGTCGATGGGAATGATTGCGTCTGTGATAAAGGATGGCAGGGCCACTTGTGTCAGCTG GCTCAAGTTGAAGTTGAGTCTATCGAGGAAGTAACCGAACAGTATCAACCGAGGAAACCGAGGCGGTTGGAAATCTCCCGGACACCACTACCGAAGCTTCCACCGTGCCGCGTCGTACCCTGTATCGTCGCAACAT CTTTTCCCGTGGACGGAAGCTGGGGCCAGAAAGCGATCGTGATTATTTACTTTTATACCGAATACGAAAGCACGGCTGAGATCATTCCGGCTGTTCTGGAACTGAAAGATCTGGAGAATTACACCTCGCCGCGAT GGCATTGCAAGCACAGACGGATAAAGCAGGAATCCAATTCGATCGAAACGTGTTTACCAGGTCAGGCGGTGGAGCTCACCGTGTCTCCGGCCGGTGTTGATACAAGCGCTCTGGAGAATAATCTGCTGTCTGGGG AAACTCTCAGTGAACAGGTTTGCTTCATTGCGCTGTCCGACGTTGCATTAGATAAATTTGATGGTAACCGTAACCTGATTAATCTCGAAACTTATGCTAAAAAGTGTAGAGCAGCTGAACAGCGCAACATGTGGCGCC CACGGTGGCTAAAACCGTGGAAGAAGCCTTTACAGCGCGCCGGATGTTTACACCAAGCGTTTTTGCAGAAAGAGCGGATTGTCGGATATTATCGCTGCCGCTGATGTGATGATGCGCTCTGTTTCTCAGATGG ATAGTGACATGCCAGCGCCCAACGCCGTTATGGCCAATAGCATCCCGTCGGTCAAACCTCGTCTGCGTGATTTCTCCAGAGGTCTGGCTGTTGGAAGCCGTCGCCGATTGGGAAAAATCAATTCAGCAGTGGCCAGC CGACAGTGGGCGTGACGAGTCTTGACGGCGCCGATTTCGATCACCCTTGGCGTGCGAGTGCCTTTGTACCACTAAAAGCAACGGCCTGTGGATTCTGATAGTAATACCGTAACGGTTTCCATGCCGTTCTTTT TGGAAGTACCTGCGGAAACAGGTTAAACGCGGGGAGATCATCTATCTGCCTGTAAGTGTCTTCTGGCTCGCAAAGAAGAACTGGATCCTAAAGAGAAGGGATGCTACGAAGTCCGCGTTTCGACCCGCGTAGCG CGCAGGATTGGCTGCGCTGGGCGTTAGTGACTACAGCGGTTGTATGCTCTGGGGAGAAACAGACTTCCAGCTGGGTCTGTTTCCGACGCGTCTGGGTCAATTGAACGTTACGGCGGAAGCGTACGCTATTTT GGGATCACAACCTCTGCGATGAATCGCAGGTGCATACCCTCAGTGATATGATCCGCCGCCAAATCCGTGTGATTCCCGAAGGCGTTCCGAAAGAAGCAACGTTTCGAGATATCCTGTGCTGCTGACGGCGTGTCTCA TAATGTACTGACTACCCAGTATCGGTGCCGAGCAGCATGATTCCAGGCAGCTGCGTGTGTATCTGACGTACACCGATGAGGTGTTGGGACCGGCTCTGTGCAACTTGGATAACCTGGTTTGA

250	OON18030.1-3	2277	5543	CGCTTGCCTACCGGCTGCGGCGAGCAGAATATGGTTCTTGTGCCCCAAACGTATACGTATTGGAATATCTTAAAAGCGGCGCCCAAGTTAGCTCAAAGGAGCGCGAGAACTGATCCACAGCGCCCGCACACATATTGACTGGGTACAAGGGTCAACTGAAATATCGCTGGATGATGGTTCTTACTCTGCGTTTGCCAGTCTGATAAGGTGGGGTCCACGTGGCTGACGGCGTTCTGCTGCGCGCTCTTTTCCAAGGCATACCGCGTCGATCCAACCCTTAACATCGATTGGGACCGGTTGTTCAACGAAACGTTACACCTTTCTGAAACAACGGCAGGACCTGGAAGGGAGCGGCTGCTTCGTGAGAAAAGGCCGTGTCCATCCAGTCCAGCATGCAGGGCGGGCTGGGAGGCTCCAAAGAGAAAAATGATCAGGCGCTCCTGACCGCTTATGTCCTGAGCAGTCTGTATGATCTGAAGGTGACTAAAGCCGCTACGGATCCGAAAGCATACGAATCTATCATTACCAACGGGATCCGTTGTATCA AAGCGGGAGTACCTCGTGATATCCTTCTTCCGGAACCGCTGTCTAACGTGGCTACCTACGGCCTGGCTCAGGTATCATACGCGCTGCAAAATGTACCAGCCCGAACGTTACGACACCGAGCTTTATTTACAAGAACTGAT CCGCCGCGCTCGTACGATCAGTGACGCCCTGCGCGGACCGCGCTCTTATTGGCCGCAAAATGAGTCCAGCGACGACGCCGAGAGCTCGAAATGGGGTGTGCGCTGGATGTGAAACCACAAGCTATGCGTACCTG ACCCTTGCTGAACGCCGCGAACAGGCCATCGAATTACTGCCGATTGTTGTTGGCTCTCCACACAGCAGACTTCGACGGGCGGCTTCGCGAGACCCAAGATACCATCTGGCCATGCAGGCAATTGCCCATGCCGCA ACTGGCTTGCTTTACAACGGTACCAACCTGGCAATACGAATATTTCTTATCCGCGAAGGTTATTTCAAAGCGGTTACAAAATTGATGATGTCCTCAACGACCAGAAAACGCCAGGTCTGTAACAGATTGCGATTCCGC ACACGGATCCGAACGAGGTTACGAAATCATGTGGGAAGTGAATACGGACGCCATGAGCGCGACGCACTGCGTTGCGCTGCAGACTGCGCTGTTTTATAACGTTCCAGAGCCGACGAGTACGACGGACGATATTTTC ACCGTCACAGCGACGGTGGTTCAGTCTAATCCACCCCGGGCAACAGCTGCACTACTGCTATGCTTACTACGTGTCTTCGTCCGGTGTAGTCGCACCGACCCGGTGCAGGAAAGTGGCATGCTGCTGGTGCGGGTGCA GATGGTATCCGGTTGGAACCGGTTACGAGGAAATTCTGAAATTAGTTGGCACGGATGAAGAATCTGTGCGCAAAAGTTGAATTCGACGATGATGGTACTGTGTCGCTTTATTTAACGGTTTTACGAGCAATGAGG CTGAAGTGGCGGGGGGTTGGAGCCAACCTGAAACGCTGCGTTGAGCTGAGCCTGCGCCAGACCACGTACGTGGATTCTACACAACCAGCCCTGATCAGCGCAATGGACTACTACGCGACGGAACGTTCTGTGATGATT AAGTACCAGCTGGAGGAATGTAAACCGGCCTGGCTGACAGAAAAATGAGCCACCTGTTACAACAACGCTGAGCGCCACCACGACAGAACTCCGCTCTCAACCCCAACCCCGAAACCTTTGCTCTGTCCGAAATGCCA GGTGGATTCTTCTTAACGAGCAATTTGTCCGATATTCTGTATAGCATGATTTGTTCCGGCTATGGCAGTATGTTGTGATGAACCTGTATGAAAGTGATGAAAATGCTTTTAACGTAACCATGATTGTTGTATCGGCCA ATGGCTTTGCGTCTACTGGAACGCGACCGTGATCGCCCTGCGCTCTCAAATTGTTCATGCGGAAAGTCTGCTGTTCAAGGGAAGTAAACTGATCTGGTTGGCTAGCGGCTACCTGGACGTATCGCTGGGTGAGACAA ATATTAGCCAGTTACCGACAATGCGGACGCTGCTGCTCCCAATTGAAGACGTACTGCCGGCGCTGCGCACCGTACAGAGCCGCTTGAGGCAAAAAGTAAACTGATGGAGTCAGACACTTCCAACAGCATTATGT CCCCGAATTATATTCGTGTAAACGGATTAAGCCGCTGATTAATATGTGGAGAAAAAACTTCTCCCCAAATAA
251	OON14868.1-1	1782	5048	ATGGACTCCAAAAAGAAAACTCAAATGACCCGAGAACGTGCAATTATTACGCGTCGGAAAAGGACCGCTCGAGGATACCGCGGCTCAGTCAGACTGGGCAAGCAAGAACTGGTATGGGTGCCGGACGAGCAG CAAGGCTTCGTGATGGTACCCTTTTGGATACGGTCGGAGAAGAATGTAACGTCCAGATCGTCGATTCCGGCAAGAAATGCAGCTTCCACCACGACCTGGTCCAGCGTATGAACCCGCCAAAATTGAAAAAGCCGA AGATATGGCGAACCTGACCTTTCTGAACGAGGCCTCCGTATTACATACTTAAATCACGGTATTATTCTGGCATGATTACACCTATTCGGGACTTTTTGCGTTGTTATTATCCGTATAAGCGCCTGCCATTTATAA TGATGAAATTATTGAGTGGTACAAAGGTAAGCGTCGCCATGAACGGCCGCCGACATTTATGCCATTGCGGACGCTGCTTATCGCAACATGCTGCAGGGTTCAGTATTCATGATGTTATTTACTCAGCTTATTTATCGT TCTCGGGGTCCCCTGCATATCGTACATGTGTGCTTCATTGTGTCTTTTCATGCCGTGCTGTGAGGAGAATCAGGTGCAGGCAAAACGGAATAACCAAAAGGTGATTCAATACTTAGCCTCGGTAGCGACAAGCGCA AAAACCAAAAAACCACGACCGCAACGTTATGAGCAAACTCCATGGCGAGCTCGAAGCCAGTTACTCAAAGCAAAACCCGATTTTAGAAGCTTTTGGAAATGCTAAAACAATCAAAAATGACAACAGCAGTCGCTTC GGCAAGTTTATCCGCATCAACTTTGATACCTCCGGTTTCATTGCCGGAGCAAATATTGAGACCTATCTGCTGAAAAAGCACGCGTGATCCGCCAGGCTCCGGATGAACGGTGCTTCCACATCTTTTATCAGCTGCTGG CAACAGCCACTAGCGAAATGAAGGAGAAGCTGCTCCTTGATCAAGCGGGCGCCTATCGCTTCCTTAGTAACGGCATGCTGGAATTCGGGCTCCGATGAGCACCAGGCTTATCGGGAACATAGCGAGGCGATGGA CATCATGGGCATTACTAAGGAGGACCAGATGGCTATCTTTCGCGTCATCTCCGAGTTCTGCATCTGGGCAACCTTGATTTTCGGCAGGAACGCAACTCCGACCAGGTACACTGCCGACCACTCTGTAGCTCAGAA GGCTTGTCATCTGCTTGGCATTCCCCTGGTCGACATGACCAAAGCGTTTTTGAAACCACGTATCAAAGTGGGCAAGATCTTGTTAGCAAGGCACAAACCAAGGCCAGGTGGAGTTCGCTGTTGAAGCCATCAGCAA ATCCATCTATGAACGCTGTTTCTGTGGCTCGTAGATCGGATTAATAAAACCTCGATCGCACCAACGGCCTGGAGCCAGCTTTGTTGGTATTCTTGATATCGCCGTTTCGAAATCTTTCAGACGAATTCATTGGAAC AGCTGTGTATCACTACACTAATGAAAACTGCAGCAGTTGTTCAATCACACCATGTTTGTGTTTAGAACAAAGATGAATATCCCGCAAGGCATCCCATGGGACTTCATCGACTTCGGGTTAGATCTGCAACCCACCAT CGATCTGATCGAGAAACCCCTGGGGATTCTGGCATTACTCGATGAAGAATGCTTCTTCCGAAAGCAACCGATAAGAGCTTTGTGCAAAAGCTGCTGAAAACCAAGAAGCCCATCCGAAATGA

252	OON14868.1-2	1782	5048	ATCTGCAAACCTGATTTTCGCTCAAGCGCGGATTTTCGGCGTATTACATTATGCGGGCCGGGTTGACTACGTCAGTGCCAGTGGCTGACCAAAAAACATGGATCCGCTGAATGACAACATTGTAAGCCTGTTTTGGCTA GCAGCGACCCCTCTGGTCCAGGATATTTACAAAGACGCGGAGATTATCTCATGTCCGCTACCGCGGCAAAACGATAACCGCTTTTGGCACGCTCGTGGGGTACGCAAAAGGCATGTTACGCACGGTGGGCCAGCTTTAC AAAGAATCACTGGTTCGTCTGATGGCCGTGCTGAAAAATACCTCCCCAGCTTCGTGCGTTGCATCATCCAAACCACGAGAAGCGTCCAGGCCGATTGACCCCTCACTGGTTCTGGACCAATTAATAATGTAACGGC GTCTTGGAGGGAATCCGCATCTGTCTCAGGGGTTTCCGAGTCGGGTGCTGTTTCAGGAATTCGGGCAGCGCTATGAAATTCGACTCCGAATATTATCCCGAAGGGGTTTCATGGATGGCCGTAATGCCGTGATGAA GATGCTGGAAGCCCTGGAAGTGAACGCGGGTCTCTATCGCATTGGCCATAGCAAAATCTTCTTCAAAGCGGGTGTATTAGCGCAACTGGAGGAAGATCGCGATATTCATCTTACTGATGTGATTATCCGGTTTCAGGC GCGCGCGCGCGGTTATCTGGCCCGCGTGCTCGCGAATTGCGCATTAGCAGCAGCAAGCGATTACCGTAATCCAGCGTAATTGTGTGGCCTACCTTAAATTGCGCAACTGGCCCTGGTGGCGGTTGTTACCAAAGT CCGCCCTTGCTCACTGTGACGCGTCAGGAAGAAGTGGTCCCGCGAAGGAAGATGAATCCGTAAAGTGCGCGAAGCGCTGGAATAATACCAACGATTTAGCGGAAGTGCAGCGTTCATACGAAAACTGACG AAAGAACGTACGCAGCTGCAAGCGGAAGTGAACAGGAGCAGCAATCTAATCAGAATATCCAGGCCGAACGCTGCGTCTTCTGGAGCGCATCCAAACCTGGAGGATGAATTTCTGAAAATGAAAAATAAGGGCG TGGACGAAAAAGTAAACTGCAGAATGCCGACTTGGAATCAAGCGTTTAAAGAGCAAGTGGCGGATCTGAGCGATCAGCTCGAAGCTGAAGAACAGCAGCGCCAGAAGTTGCAGGTAGAAAAGAGCTCGATTG AACAGCGTATGACCCAAGTCAACACGGAGAATGTTAATCTGGAAGACAAATATAATAAAGTGGTTAAAGATAAAAAAGTCTGACGGATCGTGTGGCAGATCTTAGTAGTCAACTTGCCGAAGAGGAAGAACGGAG CAAACAATTGCTGAAACTGAAAGCTAAACAAGAGTCAAGCATTAGGATCTGGAGGAACGCTGGCTCGCGAACAGAAAGCCCGTCAGGATTTAGATCGCTCAAAACGTGGCTGGAGAGCGAGGCGCGGAAACG CTCGGATCTGACCGTAGAACAGCAGCGCAATTTGGAAGAAGTGAATGCTCTGGTCAGCAAACTGAAGCGGAATTAAGTCAGCAAACTCCGCTCGATGAAGAAATTGTGGCCAAACTATCGCCGCCAAAAAA TCCGTGAAGATGAGTCGCTCATCCAGGAGCTTAAAGAGGATCTGGAATCGGAACGTAAAGCGCGTGATAAGGCGGAAGAGGCCAAAGCCATGCGTCTGGAAGTCAATTGACAGCGGTAGCAACACAGTGCCCCAA CGTAA
253	OON14868.1-3	2565	5831	GAAGCCTTACACAAATACGAAGCAGAAGTGAGTAACCTGCGTCGCCAATTAGATGCGCAGAGCTCTGCTCATGAAGCTGCGATCGTGAAGTGCAGCAAAAAATCATACGTTAAGTTTAGATGCCGTACCGCAACA GGAGCAGGCAAAAAAGCGAAGCCGCGCTGGAATAACGAAGTCTCAGCAGGATGCGTCGATCGAAGAGCTGCAGAAACAGGTCCAAGCCTTCAAATGGGCAAAAGCGACCTGGATAAACGTCGTCGTCAGG GCGAGCAACAGCTGAACGAAGTACAAATCCGCCTTCAAGATTTGGAATTCAGCGCAACGATTCGACAATCGCTGACCAAGCGCTGACGGATCTGGAAGCGGCCAATAACACTGTAGAAGAGCTGGAGGCAAA ACTTACAGTGTACGCGTTCCGAGTCGGCGGCCGTTGCAGAACTTAACGAGGTACGGGTCCGTTTGGACGATGAAACCAAGGCCAAGCTCAGCCTTCAGTCGCAAGTCCGCCAAGTGGAGGACGAACGCGAAGGG GCGAAAGACGCGCTGGAAGCGGAAGAACAAGTTAAAGCCGCGCTTGAAAAACATGTCCATACGCTGCAGCAGCAGATGCAAGATGCCAAAAAAGTTGAGGAAGACGTTTACCATATGGAACAGCTGGAAGAT GCGCGGAAAAAGCTCATCCGGGAAGTGCATGCCAGCAATAATCGTAACGAGGAAGTGGTTGCGCAGGTGAGAAAACTGGAGAAAAAGCGTAAAAAACTGCAGGGGGAAGTGGAAAGACGCAATCACGCCATGGCA TCCCAGCGCTCGGACCAAGCGAACAATGAACGCCGCGTCAAAAACTCGAAGCGGCCAACGCAGAACTGACGGCACAGCTCAACCAACTGCAGGCTGAAAAAGAAGCTTTTATGTCGCGAAATGCGCGACCGTGACA CTCGGCTGCTCATGTCATCGTAACGAGAACGAAGATCTGAAAGAGCGTCTGGAGGAGGCGAAGCCAGCGCGGTATGCTTGACGCGAATTGGAAGATCTGGGTTCCAACCGTGATGATGCGGGTAAAGCATGAT TGAACTGCAACAGGCCAAGTATCAGCTGGATCAGCAGTTACGGGAAGCACGCCAACCAACTGGAGGAAGTGAAGATGAGGTTAGTACTGTGATCATGAAAAACAGCGTACTGAAGTGTATTGTTGTGGCCGCTG GAATGCATCATGTTATCCCGTGCTGTACCCACGTACAGAGAACTCTATGAATTATACGTTTACTCCTGCAGGTCCAAGTGAACGATTGAAACGCGAGCTGGAGCGGGATCTGGCGAGCCGCGATGAGTTGCTG GAGGAACAACGCCGTCAGAACTTGAAGCAGTTACGCGATCTCGAAGCCGAAGTGAAGATGAACGCAACACGCGCTCCCATCTGGAAGTGCGTAAAAAGTGGAAAGTGATCTCGTGAAGCAACGCAAGCGTC TGGAGCTGGCCAGCGTCAAAAAGATGAAGCGCTGAAACAGTTGAAAAAGTTTCAATCAGTGGGTGGCTCAATGCAACGTGATATGGAAGAGGCGATTCTGAGCGCGACCAAGCGCTGAAAGTTTACGCGACAT TGAAAAAAATGGCGTACCGCTGAGGCCGAACGTAATCATTTTCAGGAAGATCTGCAGGCCTCGGAACGGACCTGCCGTGCGATCCGTTCTGAGCTGGATGAGGCTTTAGAAGAACTGGCCTCTACGACCAGCGCGA AAAATGCTGCAGTCGAAGAGAAAAACGCTTTGAAGCCCGTATCGTCAGTTTGAAGATCAATTAGAAGAAGCGCAGAACGGCATGGATGCGGCTGAAGAAGCTTTCAACGCTCTCTGGCACAGTTGGAGCAGCT GCAACGGAAGTAAAGCAGGAGCGGAACAATGCAATGCGTGCAGATTCAGCGCGTCAGCCTGGAATAACAGTGAAGAGCTGCGGGACCGCTGGCAGAGGCGGAGAAAGATAGCGGGCGTCGTAGCAAAG CCCAGATTGCGACCTCGAAGCGCGTATCGTGCCTTGACGAACAATTAGAAACCGAGAAGAGTGAAGAGTGGCCGCTACTAAATCGTGTGTCGCTGGAAGAGCGCATTAAAGAGATGGCGTTGCAAATTGA GGAGGAAAAACGCAAGTAGCCAGTTATCAAAAGATTCTTACGAAAAAGCACAGAACGTCGTGAAACGATTAAACGTGAAATTGAAACGTTGGAAGAAGAAACGCCAGCTGAAACCAACGCGCGCGTCTGCGAG CGTGACCTGGAAGAAGCGGCGGAAGCCCGCGCATTGCCGAACGCGACTTACAGAACCTTCGTAAGTGCATCGGGCGGGTCCACGTATCAGCCGCCAGCCGCTACCATTTAGTGTACGCCCTGGCGACGACGG CCTGGGGGATGACAACCATTTCCATTGGGGATACAGATAGCTTGGGGAGTACGGACATCTGAGCACCGCCACGACCAATAACAGCCACTACACGACCGAGATAGTGTATGAAGTGA

254	OON15243.1-1	1782	5048	TTGAAAATTGCAGCCGTTGAATCATTTGGCGGCGATCCGTTTCTGGCGCCTCCGTGGAATGATGTTGAACGTGAGTCCAAACGTTTTCTGGTGCCTGATTCATCTACTGTATGTGGTCGAGTCGGACGATGGCAACGGCCTGGTTATGTCAAGCAACGGCGGTATCATTACGACAGTTCAATATCCTGGATCCGTCGCAGTGTCCTTGGCTGATGGAAGCGTGCCCGAAACATCAATTCTGTATCCAGTTTGACATCCAGCCAATTTGGCAGGGGCGTCGCGATGAGAAATCGAACGTGCTGACGTTACGTACCCGTCAATCGGTAAAAATCCGACTATTTGGGTGGTACAATTCGTTATGCCAACTCTACAACCCTGTCGGTGAGCTTCTATCCCGCAGATCAGATGAACCGCAGTGCCCCGATTTTTCCGCCCCAGAATTGACGTTAAGCCCATCGGGCTGGACGCGTGTGATCGCTTTGATCCGTGCGAAAACCGGCGAATTGACCTTAGACAAAACAGCAGATGCCGGATGAGCCCCGCGCCATCGGACGCCGGCGCCAGCCTGTTGCATCGCAACTGGCGCTCTTAGCTAGTTTACTGCGCGAGATCCCGACCAATCGCCTGGGCACGCTTGAAGCAATGGACTTCGGGAAAGATTCTTACGTGCGCTACGATTTCAAGAAATCGCCTGAAAAAGACAGCAGACCGTGAAGAAGTACGATTGAATTTGAAGTACCGCGCGGATTGAGAACGGGCTGATCTGGTTTGTGAAAACAATGCAAGCAAAAGCTTTGTTTACCTGAAAGACGGTCGCTCCATTACACCTTTTTGTTTGTGGATCGCACCCGTAGTGCCCAACTGACGTTGACGGAAGAAATCTATCTGAACACGCCACTGCAGCCGGACACCCCTCACCTGCTGAGCCTGGTACGTGATCGTGATAATCTCACCTGACATTAAATGAACGGTCCCACGCGAGCAACATATCGACGGCCGTGTCCCTTGGTCCGTCGACGAAAACGCCCTACTTAGGGGGATCACAGAACCCGGCGCGGATACCGCTGGCAAAGTAACCGAGACCTTTCGCGGTGCGCATTACCAAAGCTCAGGTTGCACGTGAGGGAGATAAAAAAGTAGACCTGCTGCAGGTGGCCACCGATCGTACTGGAATGATTGCGTGGTGCGGAGTGAGGTTGTCGCTTTGAGATCAAGGAACCGAAAAGTCAAATGTTATTGGTCCGACCGCTTCTCGCCCGTGCAGAGCGGCTTTTACGCCGGGAGTTCCCCGATCGGCATGGCGCTGTCGCGCGAGCCGGTCCAGATCTCGTTTCGCGGTACCCAGAAGTCCGGTCGTACGTTTGTATCTTGGGACTTCGTCTGTACCGTTCTTTCGAAATTGAATTCGTACGATGAACCTAACGGCATTCTGTTTTTGTAGGACCGGACCGCGAACATACCGATTTTGTTCGCTGGAAGTGTACGATGGCAACGTATATTTCCGTTTATGCGGTAGGAGATCATTTCCGTCATATTCAGCTTAATCTGATAATATGAAAGTGAATACCGGTATGTCGAACCGCGTTATGTTTTACGCAACGAACATCATCAGTTTCTTGTGAAATTAACGATCGTATTGTGGATGTTGACCAGGGCAAAACAGCGCATCAGGCGGAATTTGCAACCTACACTTACATCGGTGGCGTCGACCACTCCTCTCGCTGCTTGGCATGTGTGGAGCCGGGAGAACTTCGCGTAA
255	OON15243.1-2	1782	5048	GGATGCATTCCATCTATTTCGATTAACGACGACAAATTTCTGAAAGCAAGCAGCCGTATGAGCCAGCATACCGACGCTCCCGCGGTATTGAATTCGGTGTGTGCCGCGTCCCGACCGTCGCTGCACGCGGGAGATCTGTGGAGGAGGCCAGTGCGCGGAGCGCTCTTATCCATACTTCGAGCCGCTGAACCTTTCGCTGCGATTGTTCCGGCAGTGATAAACTTTTCGCGACGGTGTACCGATATCCGCCGACGAGGCTTGCTTTCGTGACGCCCCGATTCTGGAAATGGACGGTGAAATGGTCTACCTGATCGATTTTGACCGTCAGCTGCATACGATGACGACCCATACGGATGACATCAGTTTGAGTTTCGTACCCAGCAGAGCAACGCCCCCTCTGTTCTATGCAGTATCCCCGGCGGATAAAAGTTATTTCCGCGTTGATCTGTCTGGCGGTGCGATCCGTATTCAAACCTAACATCAACCACGTGGATAACCGCTTCAATTTTGAACAGTACTCTCTGGCTTCTGGCCGCTGGATGATAACAAATGGCATACTCTGCGGATTCGTGCTGTCGCCGAATATATGTTTATGAGTATTGATGGCATCCACGACGACACCGTTACGATTCCCCTTCAGTCGCATCTGAATACATTTTACGCTTATCGCGCAACAGATCTATTTGGGTAGTGCTGGCCCGTCCGATTACTCCCGTCCGCCCCCGCGGGTAGCGAACAGCGTTTTTTGCGCCGCCCGCGCTTTCGTGCGTGAGTTTCGCAATTTCTACTGGAATGAGTATGATTTTATGGAACGGCTCCTGTTCAGGCAAGTACGGTACAGATATGCTGACCCCCCGGGCGGAATTACCCACCTTCCCGCAGTGGCCCCGCGAGCCGACCTACTCTATTACCTTAACCTACAAGCTGAATTATACCCGGTTGGCGAAAGTGTTCGATATGCGCGAAGCGGGTGACATGTGGTTAATTGAATTCAAAACCGAATATGATGGGGTACTGTTATCTGCGCGTGAGCCGGGCAGCATGGATCAAGTGCATATTACTCTTGTTCTTCTGCGTGGCCGCTTCATGTAGTGATAACGTCCATGGCCGACGCGGTTCATCAAATCACTTCAGGTCCGACGGCCAATAACCTGAACGATGGTCGTTGGCATCGGATTGTTATCGGCTTAGATCGTCGGAAGAAAGAAATTAGTTGCCTTCCTGGATAGCTACCCGCCAGATTATTGGCATTGGCCTTCTGTCAACCGCATTACGCTTCTGAACCTTTATTTTGGTGGTCTGCCGGATACCGAATGGCAGAGCGTGTGGTCGCTGCTTCTTACGCGCCAGGGTCTTGCAGTCCAGCGATGCAAGACATGGTCAGCCGGCCTTCACAGTTGTATCGGTGATTCTCAGTCCGTTCCGATAAATTCGAAGCGATCTTTTGCCTGCGCACGATAGCGAACTGACCGCACTGACCCGCTACCCGACACTGAAATTTGTCGGGTTCTGCCGTGAACAGAAACGCTGTACGAATGATTATTGTTACCACGGCGTTGCGAACAGGTAAGTGAGCGCGAAATTCGCTGCATTTGCACTGGCACTCAATATGAGGGTCTCCTGTTGTGAAACTCCGATTGTTAATTGTCCACCGAATTACTGCAATCAACGCGGAGTATGTACCGTTGTCAATGGGCAACCGAAATGTGACTGCTCAGGCTCAGGGTATCATGGCGAACGTTGTGAAATCTCTCCGTGTAA

256	OON15243.1-3	2586	5852	ACGGCGCCAGGTGGGTATTGTTATAATGGCGGTGTTTGTAGTATTCGCGGCGGCCCTTCCATATTGCGATTGTCGTGGCACGGGTATTATGGCGATCGTTGCCAGGATCCGATTGCCACCGAATTATTGCTATAATC GCGGTGTTGTCATGTCGATGCGAATGAGCGTCCGGTATGCGATTGTCAAGGGAAGTGGCTACATCGGCCCGCGTTGCGAACAGACCGCGTGACCCAGATACTTGATAACGGCGGCAATGCGTGGTGAACAG CTACGGTGTGCTGGAATGCATTTGCACGGGAACGGGATTCGTGGGCCACAATGCCGTACGCCGATTGTACCAGCGACTACTGTTGAATCGCGGGCGCTGTGTGGTAGGTCCGAATGAGCAGCCGATGTGCGATT GTACGGGTACCGGATATACTGGGGAGCGCTGCCATATTAGTATCTGCCAGCAGGGGTATTGCGCAAACGGCGGACGGTGTGTGTACGGCCCTGGCGATCAACCGCGGTGCGAATGCCAGGGCACAGGCTACACTGG AGAGCGTGCCACATTAATAATTTGCGCCGACGGCTACTGCGCTAACGGCGGTGTTGCACGGTAAACAGCCAGAACCAACCCGTGTGCGACTGTGCAGGCACGGGTTTTGGTGGTTCTCGTTGCACAGATCCTATTTG CCGTCCGGGCTTTTGTGAGAATGGGGGCCGTGTTATCTGAACCCGAGTGGACAGCCTACCTGTGCTGTGAGGGTACGGGCTTTACGGGCTCCATGTGTCAAACGCCGGTTTGACGAACGGGTACTGCGTGAACG GCGGGCGTTGCTCGGTGGACGCGAACCAACGACCCGTCTGTAATGTGCGGGTACGGAGCACCCTGGCTCGCGTTGCGAAACCCCTATTGTAGCCACGGCCATTGTATGAATGGCGGTACCTGCCGTGTCAACGAA CTGGGCAACCGGTGTGCGATTGTTTACTGACCAACTATCAAGGCCACGTTGCGAGATCCGATTGTCCGACAGGCTATTGTGGCGGCGGTGGCACGTGCGTGGTGGTTCAGCGGAAACCGACCTGCAACTGCCA TAGTGGGTATCGCGGTTACGTTGCGAGATCGAGGTGTGCCCGGAGAACTACTGCATCAACGGCGGCTACTGCCGTCCAGGGCCGGATCGCACCCCAATTGCACTTGCCCGCCAAATTATGAGGGCGACCGTTGCG AACTGCCAAAACCTGTCCGAGCGATTATTGTTTTCATGGTGGCCGTGTACGATGGTACGCGGGGTCCGAGTGTGATTGCTGGGCACTGACTATACGGGGTCACGTTGCGAAACACCCCAACGTGCCAGTCG GTTTCTGCCAGAATGGAGGCCGTTGCAGTGTGACGAAGGCAACTATGTGTGCGACTGTACGGGCACCGGATACCGTGGCATTATCTGCAACGAACCGATTGCTGCCCTCCGAACATTGTCTTTTTGGAGGTATCT GCTCCGTGCTCCCGACAAGCAGTACGTGTGCGACTGTAGCCGTACGGCCGTACAGGGAAACACTGCGAGGGTTCATCAATGGCATTATATTACCTACGAGAAGGAAGGCTATCTTATTACCTTTGTACCAT ACGTGCGTACGGTGGAGGATAACGTAACGTTAGGCTTTCTGATACATGCAAAAGTGGTACTCTGATTACCTTTATGACGACGGACGGTCTGATTGGGCGGTGAAACTCCGCGATGGCCGTCTGATGCTGGATGTT GATGGCAAAAATGTGTACGCCCTCCAGACGCGCAGCAACGACGCCATTATCACGTGATCAACATGAACGTCGTGGTGATACTATGATCGTTACCCAGGATACAGAAGTAATCCGGGTGGTTTTACCAGTCTCGT GAACCCAAATGATAAATCGATTACTTATTCTGCACTTCATATTGCAGCTGATGAGAAAAATCCGATGTGTTCCGCGCGTAATTGGTGGCGTCTACTGGAACGGGCGTACCCATCGATGATCTGAAAGCCGGTCG TGTCACCCGACCGGTGAGGTTACTATTGACTTACACCGGAGTTTCAGATTTTCCCCGAAGCCTCAGCCTATCTGTAGCCCGGTTATTGTCTTAACAGGGTATCTGTTACGCGGAAAAATCAACTCAAATGTG ATTGTAGCAATAGTGGGTGGAATGGCGCTCGGTGTGAGCGCCAGAGCCGCGCTTTATGCCGACGAAACGCGGCAATGGAGCATATGTAATCTACCGTCTGAATCCCCGAAACGTACCACCGAAGATGAAATGCG GGTGGCATTTCAACTTGGGCGCAGGAAGGTCCGATTAGCCGTGTGATTCTGGGCGACGGCTCTACTTTGACATTGTTCTGAATGACGGGCGCTGTATGTATCATTTAACGGTGTGAATACATCCCCATTTTCGAGC TCTGGACAGGAGTTCAGTGACTCACGCATGCATGTAGTTACGATGCGTCGTAATAATCGTCGCTTAATTTACGCGTGGATGGCTACCGCACGCTGCATGAGCCACGCTGA
257	OON21331.1-1	1782	5048	ATGGAGATTGAGACCGTGACCAAACTTGCAGTGGGAACCAACAGCATTCCGAATATCAACTATACGTGAGATGAGGATGACTTCGAAAGCGGTAACCTCAACGGCGAACTGTACGAACGTAGCCGCATCAAAGC TCTGGCCGATGAACGGGAAATCGTACAAAAGAAAACCTTTACAAAATGGGTAACTCTCACCTCGTGGTCGTTTCTGTTCATTGAGGACCTGTACTTGAGCTGCGCGACGGCAAAATGCTGCTCAAATGCTGGA AATTTTATCAGGTGAGCGCCTGCCTCCACCGACACGTGGGAAAATGCGGATCCACTGTTTGAAAAATGTCGATAAATCACTGAATTTTCTGTGCGACCAAGATGTTACCTGGAAAAACGTGCGCGCATGATATCGT CGACGGGAGCCCTCGTCTGACATTGGGACTGATCTGGACAATTATTCTCCGTTTCCAGATTCAAGATATTGTCGTAGAAGAGCAGATGACGTCCGAAACGCGCTGCGCGAAGGACGCTTATTGTTATGGTGTCAAAT GAAAAACCGGGGTTATCCGAACGTCAATGTGCGTAATTTTACCAGTCTCGCGTGATGGGCTGGCTTTAACGCTCTGATCCATAAAACATCGCCCCGACCTGATCAATTACGCAGCGCTGAGTAAAGCAGAACCTAT GAAAAATCTCACGAACGCGTTCTCTGTGCGAGAAGAAGCTGTGCATCTGACGCGCTGCTGGATCCATCGGATGTCTGCGTTGAACAGCCAGATGAAAAATCTATCATCACGTATGTAGTTACGTATTATCATTATTTT AACAAAATGAAAGCCGACACGGTGCATTGAAACGTATTGGCAAAATGTAAACCAGGCCATTGAAACCGAGGACATGATTAACCATGATGAACAATTGACATCCGATCTTCTTGAATGGATCGAAAAAACTATTGA GCTGCTGAACAACCGCACCTTTTGAATAGCCTGAGCGGGGTCCAAATCAGCTGGCAGGTTTCAACACGTACCGCACCGCGGACAAACCTCCGAAGTTTGAAGAAAAAGCGGTCTGGAAGTGTGTTGTTACCA TTGCTCGCGTATGCGGAGCAATAATCAGGCAATTTATAACCCGCGAGAAGGAAAACTGATCAGTGATATCAATCGCGCGTGGGAGGAACTGGAACGCGCGGAACACGCACGTGAAGTGGCATTGCGTGACGAAC TATTCGTGAGGAAAACTCGAACAACCTGGCTCACGTTTCGGTGCAGGAGGCTTGGTGAAGCCTGGCTGACCGATAATCAGCGCTGGTTGCGCAGGACAATTTGGTACGAGCTGGCAGCAGTTGAAGCAG CGACTAAAAAACAGATGCTATTGAGACGTGATCTATGCCTACCAGGAACGTGTAATGCTATGGTGAACGTGCGAGAAGAACTGGAACGTGAGAACTACCACGACCTGGAACGCGTTCAACTTCGCCGTGATAAT GTGTTAGCGCTGTGGGGCAATCTGATTAGTTCGTGACCCCTCCGTGCGCACCGCCTGGATCTGAGTCTTCAAGAGATGAGTTACCTCATGGATTGGATCGAGGAAATTAAGGTGCTGTG CGCAGCACAGATTACGGCAAAACCTCATGGGCGTTGAAGATCTGATTGAGAAACACGCCCTCATGAAGCGGATACCGTGTCTTGGGGGGACGCATGGAACAAGTCTGACGAAGCGGATCCGTTCTAA

258	OON21331.1-2	1782	5048	ATTACATGCGCATTTCCACAGGAAGTCGGGAGTTATCGGCCATTGAACCAGATGTGGTGCAAGAACGCGGTCGTGAACCTCGTGACGCGTATGAAGAACTTCATGACTTGAAGGATGCGCGCCTGCAAGGTTTACA AGATTCGAAAAAGATGTGGCAGTTTTTTTTGGGATATGGAGGACGAGAAAGAATGGATCAAAGAAAAATCACAATTGATGAGCAGCCCCGACCTGGGCCACGATCTGTCGTCCGTTGGCCGCTTCTTCGCAAGCACA AAGCAATCGAGGAGGATTCCACAGTCCACTTAGGGGTCTGCAGAATGCACTGAAAAATGGTGACAACTGATCGAGGAAGGCAACCTCGGCAAGAACAGATTGAACAGCATATGCGTGAGATGAAACAGCTGTG GGACCAGTTAGTTGATCAGACGGCCGATCGTAAACAGCGCCTGATGGAATCACAAAGAATTTTTCCAGTTGCTGGCCGATTGCGATGATGCCGACGTGTGGCTGGCCGAACCAACAGCGCACTGTTTCCAATGAAGACG TTGGCCTGAAACTCGCCACTACTGAGTCGCTGCTCAAGAACAACCAGGAAATCATGGACAATCTGAACGAGTATCAGAAAAAGATCGATCAAACTTACCAGCAAGCGGCCACTGTGTCTGATTACCCGGATTGTGATG CCGCGACGATTGGTAGCCGTCTCGATGCTGTGGACCGTCATTATGCCGATGTGGTTGGCTTATGTAATTGCGTCAACAGCGCTTACTGGATGCTTTGGCTATGTATAAACTGTTGACGTGAGTGATACGGTCCGTAC CTGGATTACGAAAAAGAACGTCTGCTGACCACTCTCGTACCGAGTGATGAATTGGAACCTGGAAGTGATTCGTCATCGCTTCAATGTTTTGAACGCGAGCTGACTGCCAATGCGGAAAAAGTGAATCGGTCAACA AACTGTCGGAAGGAATGCTGGTAACGGACCACCCTGACGGGTGCAAGATTCTCGCACAGCAGGATACCTTAAACGCATCCTGGAATCAGCTGGCGGATCTGGTGGATAATCGAAACGCCAGTTAGATCTGGCGTAC CAATACAATCAATTTTTGATTGAATCTGCTGAAACGGCAAACCTGGATCAAGGAAAAGGCTAAATTAGTTGAAAGCACAGATGAACCTGGCAACGATCTCTTGGAATTATGACGTGCAACGTCGTTTAGGAGGCCTG CAGCGCATCTGAAAGCTATTGAAGCAAAAGTGGAACATCTGGATAAAACAAGCGGAAGAGCTGTGTCAAGCCAACCAGAACAGGCCAACGTAAGTCTCGGCCGAACGTGCGAAAAATCCATGAACTGTGGGATGAAC TGAAAGAGATGCTCAAAGACCGCGACGATCGCTCAATTATTCAGCGAACTGCAACGCTTTCTGCAGGATCTGGACCATTTTCAAATGTGGCTGCGCCGCACTCAGACGGATGTGCGATCAGAAGACATTCCAAACA ACCTTCAGGAAGCCGAAGCCCTGGTAGATAATCATAACAGCTGGGCGCGGAAATCGACGGCTACGAAGCGGATTTCCATCGCTGATGGATTTTGGGCGCCGTGAGACGGAGGGGAAAAACGGATGCGCAGTATG AGTATTTGGCGAAACGCTGGATCTGATCGAAGAAGATTGGGATGCCTGCATAACATGTACGCAAAACGTGGCGAAATTTCTGAGCCAAAATGTGGAAGCGCACACCTTCTTTCGCGATGCACTGACGGCGGACTAA
259	OON21331.1-3	3438	6704	ATTGTGCTGGCTAAGTTGGAACAGGCAGTTGCCAAGGAGAAACTCCAACGAGCTTGGAAGCAGCCGAGGAGAATCTGCGCCAGTGGGATGTACTCGAAGCAAGCATTCTGAAAAACGACGAACGCATTGATCAGC TTTTGGCTCAGGGTCAGGATCTCATCGATCGGAAAAATTTTTCTGTGGAGAAGATGCAAGGTAAATGCGAGCAACTGGCGAGCCGTCGTGAATCCCTGAAAAAACGCGCGGTGAACGTAAGGAGGCACTGGAAGA GCAACTGCACCTTCAGCAATTTTGCCAGGAAGTGACGACGTGGAAGAGTGGTTAACTGAAAAGGCGGTTGCCGTTACCGAACAACCGACCCCTCTGGCAAGAACATTGCTCTCTGTATGGCCGGTTTAAAGCGT TTGAAGGCGAACTGGATGCCAATAAGGACAAAAATCGCGGATGTGATTAAGAGGGTCAGGTTCTGATGCAGTCTCATCCGATGTTGGAGGCTCAGATTACGCCACGCATTGAAGCGCTGCAACGCCAATGGGTCGA GCTGGAACACCACCGCGGCAGATAAATCAGCCAAGATGGCGGACGCAAAACCGTAAACTCTGTTTGATGAGACCGCTAAATCCATGATGACATGGATTACCGAAGTTCGCACGCAGATTGTGACCACCACGGAAGAT GTTACCGAAGAGATCGGCTTAGTGGAATCAATGAGCACTTAAAAGACCAAGATCGCAAGATCAGGAACTCCAGTCTAAACGCGCGGATGCTGGAGGATATGGCGACCCATGCGGAGAAAGTTGAAAGAACAGTATC CTGACCGTCAAGAAGAGTTTGAACAGGTTTCATCAGGAAGTCCGCATTCTGCTGACCGAACTGGAAGCGCCACTGGCCAGTCGCCGTGAAAACTGCTGAAACAGAAACGCGTCCGCCAGTTCTCTGTGACATCGAA GATGAAAAAGATTGGATTAAGATAAGCTGGCCCTTATCGAAGACTCTTCAAATGGGAACTCGCTGCTGGCAGCTCAGCAGCTGCTGCGCCGCCACCGTATGCTGGCCAATGAAGTTGAAAACCATCGTCCGCG CATCGACAGCGTCTGCCAGGAGGGCGAACAAATGATTAGGAAGGTCTCTCGCAGCGACCGTTTCCGCAAAAGCATCGATGAACGTGGGACCTGTGGGGCCAGTTGGAAGAGGTGGTTTTCATCAGGGCATCAA AACTCCTCGAAAAAGAGGTAGCCAGCAGTACCTGTTCTGATGCTAGCGAAGCCGAAGCGTGGATGGGGGAACAGGAACTGTACCTTATGGGTGAAGAACGCGCAAAAGACGAACAGGGGGCCAATAACGCAATG AAGCGGCACGAACAACCTGCAAAAAGTCGTGGAAAAATTACTGCTGAAATTCTGAACCTGGGTGAACGCTCTCGCGCAATGCTGGAAGCCAACACCCTGAAGCGGAGGCGCTGGCTATTAAGCAGGCACGCGTCTG ATAAAATGTACGCGGGTTTGCGTGAACCTCTGCGTCGAACGTGCGGCCGCTCTCGAGGAAATCCTCAAGCTGTACTCTCTTCTCGTGATATCCTGGATCTGGAAGCGTGGAATTGCGGAACGCATCGCCGTTGCGAGCT CCCATGAACTTGGTGGGATTACGAACATTGCTGTCTTCTCCGTGAACGGTTTGGCGAATTGCGCGCGCAACGAGCGAGCTGGGCCGTATCGCATCGGCGCTGCCAACGAATTATGCGATGCGTTAATTGACCAG GGGCATGGCGAGGCTGCAGAAATTGCAGGGTGGAAGACCGTGTTAATGAAGCTGGGCGGATTGCTGGAACCTGATTGATACACGTATTAGTCTGCTGAAAACGCGCTGGGACCTGCATAAGTTCTGAGCGACT GTCAAGATGTTCTGGATCGGATCGCGGAGAAAGCGTCAAGCATCCCTGAAGAAGTAGGGCGTGATGCGAAAGCAGTTGCCGCCCTGCAACGCAAAACATGCGACTTTCGAATATGATCTGTCGCTTTAGGCAGTCAA GTGGAGGGGATTATCGAGGCGCGAATGGACTGCTTCCATCTTATGCGGGTGATAAAGAAGCTTTGATTTGTGACCGCCGTGACGAAGTGATTACGCATGGCGCCAGCTGCAATGCTCTACCGAACAGCGCAAAAT CCACCTGTTAGATGCCGCGGATGTCCACCGGTTTTTGAATGGTGCGTGAGCTGCGCATGTGGATGGAACCATGCGCACGGAATGGCGACCAAGGAGAAACCTCGCGATGTGTCTGGCATTGATCTGCTGATGA ACAACCATCGTAGCCTTAAAGCCGAAATTGATGCGCGTGAAGAGAATTTTCTATCTGTCTGAGCCTGGGTGCGACCCCTTTGAATCGCCGTATCCACGCGGAAGAAGAAGTCCGCGAAAAATGTATTAGCTGGTCA CCGAACGCATCCAGTTAATTGACCAAGTGGACCGAGCGTTGGGAAACCTTGCAAGTTGCTGTTGGAGGTATATCAGTTTGCGCGGGATGCTGAAGTAGCGGAAGCATGGCTTATGGCCCAAGAACCGTACTTGGCGTCT AAGGATCTGGGTGAGACCTTAGATGAGACCTCGCACTCTGAAAAAACCTGGCGTTTGAGCGCGCCGCGGCCACCCAGGAGGAACGCTTATCGCCTGCAGAAGCTCACTACGCTGGAACCTCAAAGCAGTGGA ACGCACGCTGAAACGGAAGCGCGCGTCTGCGCGGAAAAAGAACGCCGCATCGCGGAGGCCATCCGGAATTTCAACGCCCGCCGACCTGCTACGGTTCCGGTTACAGAAGCCGAACAGGTACCCCTGGATGAA CGCACCCGTGAAATTGTTGGCCAGTCCCGTCAACCCCGAAACGTGCCGCGGATTCTAAAGATTCCGGCCGCCCGCGCGTGATTTGAAGGGCTGCTGACGCGCAAGCATGAGTGGCAGTCTGGCGGCAAAAAAGC GCCAAGCCGCTCTTGGCACGACTTGTACTCTGCTGCTCCGCGTCCAGGGTACCCTGTCCGCTACAAAGAACACGCCTGGCTAAGGAGAAACCGGGCGAACTGTATCGTCACGAACCCCCGTGAACCTTGTCTGG TGCGTCCGCGGACACGATTCAATTACACAAACGTGCTTCTGTTTTCTGCTGAAATTGGCTAACGGCGGGGAGACGTTATTTCAAGCCGCTCGGATGAGAGTATGATGAGTGGGTACAAGCTATCAATGCTGT TGTTGCGAGCTGCCAGCAGAGCAAGTCAATCCAGAGTGGCGGGGCGGTGCTGCGGCTACGCTGCCTTCGGGAGCACAGCCAGAACCAGCCGGGGTCTCGAGTGTGCAACCGGTAAAAAAAATTTCTG ACTCTGGGCCGAAAAAATGA

260	OON19653.1-1	1782	5048	ATGTCGGAAGTCCAATTAAAGTGAAAATCCTGGAAACCCCCGAAGATATTCAGGAACGTCGCGAGCAAGTCTGTCCCGTTATAGTGCGTTTAAAGAGGGCGACAGAATATCGCCGCCATCGCTGGAAACAGGCGAA GCGCTATCAATATTTCAAACGCGATGCAGATGAACCTTGAATCGTGGATGCTGGAGAACTGCAGACTTATAGCAACGAAGACTTCAAAGAGCTGTCTAATCTGCAGGCAAAAAACAGAAACACCAAGCGTTCGAGC TGGAAGTAACCGCCCATGCGGAAACACTGGCCTCACTGGATAAAAAGTGCGGAAGACATGATCCTGGAAAGAACATTATGCGAGCGAAATCATTAAAAACCGGCTGGATGAGCTCCATGCGTTGTGGGACAAACTCAT GGCGATGCTGCGCGAGAAATCTCGTCTGCTGAACCTGACCCTGAAATTTGTTCAGTTTCTGCGCCAAGCGGACGAATTACTGTTCTGGATCCGCGAAAAAGAGACATTCTGTGACAAGCGAAGACTACGGATCTGACCT GGAACATGTAGAAGCCCTCCAGCTTAAGTTTGAAGAGTTTTTAAAGACCTGGAGTACCAGGAGCAGCGCGCACAGGATATTACACCAAAGAAGAAGAACTACTGAAAGAAGATTTCCCGAGGACGCTTAGTGA TTGAAAAAGTCGTGAAGTCCGCGAGGCACTGCGCCGCTTGAACGATCTGGCAGATCATCGTCGCCATAAATTATAGAAGCGCACGAAATTCAGCGCTTTTTCTGTGACACGGATAAAGCGATTAGCTGGGTCAAT GAAAAAAGCATTCCTTATCCATCGAAGATTGCGGCCGGGATTTGGCGAGCGTGAAGCTTTGCAACGTAAGCATGAAGCCCTGGAACGTGATCTGGCTGCGTTGAAAGATAAGCTGGGTCACTTAGGGAAGGATG CTGAAGACCTCGCCGAAAAACATCCGGATTCCAAGAACACGATTCACGAAAAACATCAGACCTTACTTTGCGCATGGGAAAAACTGAAGGCCAGGCCACCAACGCAGCGCCAAACTCGATGAGGCATTTAAATTG CATCGCTTCTGGCTGACTACCGGGATCTGTCCCTTTGGATGAGCGATATGCAGTCTGTAATCGAGGCAGATGAGTTGGCAAAAGATGTCGCAGGTGCCGAGGCGCAGGTGGAACGTCATTACGAACATAAGGCTGA GATTTCTAGCCGCGAAGAAAACTATAATACTTGCCTGCAAGAAGGGCAACACTTGTTAGAGTTAGGTATCGCTGACTCGGCCGATATTGCGACTAAACTGTCCGAACTCGAACGCGGTGCGACGCGCTGCTGGCGC TGGCGGAACGTAAACGCGTACAGCATGAGCAATGTATGGACTTGCAGTTTTTTATCGTGACGTGGAACAAGCGGAGTCTTGGATTTCTAAACAGGAGGCGCTGCTGGAGAATAAAGACGTCGGCGACTCGTTAGA CGCTGTGGAGGCTCTGCTCCGCAACATGAAGACTTTGAAAAAGCTTAGTGGCGCAAGAGGAGAAAAATGAACCATATCGATGCCCTTGCCAGTAAACTGATTGAAAAAATCACTACGCGTCTCCGAAGTGGCGG AATTACAGCGTTCTCTGAACGATCGTCTGACCTGCTTAAAGAAAAGGCTGCCGATCGTCGTAACGCTCTGGAGGATTCCACCGTTACCAGATGTTTGATCGTGATGCAGACGAGATGCAGAGTTGGATCGGTGAAT AA
261	OON19653.1-2	1782	5048	AAATTCGCGAGTGCAGCCGATGAATCTTACAAAGATCCGACTAATCTGCAGACTAAAGTACAAAAACATCAAACTTTGAAGCCGAAATCCAGGCGAACCACTCTCGTGTGGATGGCATTAAGAAAATGGGACATGA TTTAAATCCAAGAAGGTCATTTAACTACCGGAAATTGGAGCGCGTATCGAGCAACTGGATGATACTTGGTCGCGTTTAAATCCAGGCCGTGAGTACAAAGAAAACAAATCTGGATCAAGCAAATCGTCAGCAGCAGTT CGTGCGCAACGTAGAAGATGTTGACTTGTGGCTGGGCGAAGTGGAAGCTCAGATCACGTCGGATGAATTAGGTCGCGATCTGAACGGTGTGATCAACGCGCAGAAGAAACACAATCTGTTAGAAGCGGATGTACAG GCGCACCGCGACCGCATTGATGCTCTGAAGGCACAGGTTGACGCGTTTTCTGCTGAAAACCACTTCGACGCTCCGGTTATCGCCAGAAGCATAAAGAGTTACTGCAACGCTATATGGCGCTGGCAGAACCGATTGCG CTGCGCCGTGAAAAACTGAAGGATGCCTACAAATTACATCAGTTCTTTGCGGATGTCGAGGATGAACAGGACTGGATTACGAAAAAGAACCTATTGCCGGCTCTACGAACGTGGGTGCGGATCTGATTGGTGTCCA GAATTTAATCAAGAAGCACCGAGTCGCGAGCGGAAGTGCGGGCCACCAACCGCGTATCCAAGATGTGATCCAAGAAGGGAACGCCATGATTGCCGCCAACCATACGCCGCAACGATATTGCAAAACGCATT AAGGAATTAGAGGAAGACTGGAACCACTTATGCGACAAAACCGATCGCCGCCGTCAATTACTCGACGACTCACTGCAGGCACAACAGTATTTGCGAGATGCCTCTGAGGCGGAGAGTTGGATGCACGAGAAAGAAC CCCTGGTCGGTTCGGTCGAATTCCGGTCGTGATGAAGACAGTACAGAAATCCCTGTTGAAACGCCACAATGCCCTGATGGCAGATATTGAAGCCTATGGGTCTACCATTGAAGCACTGGGCAATCAGGCGTCTGCCTGCC GTATGCAGGAGGCACCGATTACCGGAGTCCATGGTAAGGACGTGGTGTGGCATTATACGATTATCAGGAAAAAGTCTCCCGCGAAGTTCCATGCGCAAAGGCGACATCCTGACGCTGCTGGCGTCCAACCACAAA GATTGGTGGAAAGTGGAATTAACGACCGTCAGGGTTTCTGCGCGCCGCGTATGTAAGAAAGATCGATGCACCACTGAGTGACTCGCAAGCCGACCTCATGGAGAAACCGCTTACCGTGGCTCTCCAGCAGCAACG CTTGAGGAACAATACCAATACCTGCTGAGCTGGGCGGGACCGCGCAACCGCTGCAGGATTCACTTGAAGCGTATCACATCGTTCTGTGAAGCCAATGATCTGCATCAATGGGTGGTGGAAAAAGAACTTGTG GCTGTTACGGAACCATTTGACCGGGCAAGGTCGAGGAAGTCGAATCAGCCCGCCGCGCGTCTGATGATCTGGTGGCAGAGCAAAAAGAGCGGGAAGCTCGTGTGACCGAATTATGCGCAAAAGCCGATAAACTG AAACGTGGCGGCCCAACTGAGGCCGTGGAGAAGATTGAAGGCATCATTATGCAATTGCAGAAAAAATATGAGCAGTTGGAGCAGGTGACGACGAAAAAGGCCAAAGATCTGGAGGACATTGATGCGGTGCAGCGT TACTGA

262	OON19653.1-3	1779	5045	CATCGCGAATGCGATGAAGCGCGTGAGTGGGTGCGAGAAAAAGAAGGGCGGCTGGATGCCGACGAACTGGGTACCGACCTGACAAGTGTGCAGCGTCTGCTCCGCAAACACAAAGCGCTGGAAGGCGATCTTACTGCGCTGGGCGAACGCGTCAAACAGTTAGATACACGCGCGGCCGATCTGGTACAATGCAATCCACAAGAGGCCGAGGCGATCTGTAATCACCAGGAAGAACTTAATCAGAGCTGGAACGCTCTGGCGTCAAAGGCCG AAGAACGCAAAGAACGCCTCCTGGACTCCCTGGATCTGCAGAAATTTCTTGCCGATGCACGTGATTTGACCTCATGGATTAGTACGATGGATGGTCTCGTATCCAGCGACGAACTGGCTAAAGACGTACGAGCGCA GAGGTGTTATTGGAACGTACCGTGATTATCGTACAGAAGTTGAAGCGCGTAGTCCAGCCTTTGCCAACCTCGAGCTGTTGCGCAAAGAGCTGCTGGATCATGGCCACTATGCGTCCCTATTGTTACAGGAACAATG CAGCAAATTGCCGAAGCGCGTAGCGTGCTCGACAACGACTGGCTGAAACGTAATAAACTCTCGAACAAATGCCTGGAAGAGCAGTTGTTCTCCGCGATTGCGAGCAGGCTGAAGATTGGATGGCAATTCGCGAAA GCTCTCTTAAGGGTGATGATGTTGATGGCAATAAAGTCGATGCTCTGATTAATAAAGCATGAAGATTTTAACCGGGCGATTAATCTGCAGGAAGCCAAAATTCAATCCTTACAGGTGGGCGCGGAAAAGCTGCTGGAA ATCGACCATTATGACGCGGATGCCATCAAAGGAAAACTCGAGGAGGTGTTAGGCCGCTGGAAGAAGCTGAAAGATGCGATGATCGAAAACCGGTGCAAACTCCGCGATGTTACAGCTTTACGGCCTTCATTGCGTA TGCGGATGAAATGGAGCTGTGGATTACGAAAAAGATGCAGCTGACAATGGACGAGTCATATAAGGATCCTAAAATTAACGTTACAGCGCAAACATCAAAAACATCAAGCCTTCGAAGCCGAGCTTGCCGCGAATGCC GAGCGCTGCAGAGCATATTGCGGCAGGTCAACGTCTGATCCAGAACGATCAGTGCAAAGGGCAAGAAGATATCGTACGCGAGCGGATCGAAAAGCTGGCCAATCAGTGGGATCACCTTGTTACTCGCGCTAAAG AGAAGTCGGAGAAGCTGCAGGAGGCTAACCGCCAGGCTGCATACGACGCGAGGCATTAAGATATTGAATTTTGGCTGGGTGAAATGGAACCACTTTGGCCAGTCCGGATTATGGCAAAGACTCAGCCTCGGTTGA TTTACTGATGAGCAAACACAGGTCTCTGGTGACGGATATTAGGCGCATGAAGATCGTATCCGGGAGCTCGATGCACGCGCCGACGAATTTATCGGAAGTGGCGCCGGTGATGCGGAGACAATTCTGGAACGCAAA AAAATGATTAAACGAACGTTACGAGAAAAATCCGCGCGCAATCTGAAAACCGCGCAGTGACACTGGGTAAAGCGAAGCGTCTGCATGATTTCTATCGTAACATGGATGATGAAGAAGCCTGGATCCGTGAGAAGAAAA TTTTGGTGTCCAGCGAAGACTATGGCCGTGACCTGATCGCGGTTGCAATCTGAATAAAAAACCAACGATTGAAGCGGAAGTGGCAGCACATGACCCGAGTATCCGGCAGGTTCTGCAGCAAGGCCGAAGAACT GACGTAA
263	OON19653.1-4	1932	5198	GTCCGGACCTGCTGACGGATCTCAGATTGTTCAATCGTATGGAACAGTTAAAAGCCGCGTGGGATGAAGTCAAACCTGACGGCCATTGCGCGCCAGAACTGGAAGATTCGTTGGCATATCAGGATTTCTT GGATAGCGTGGAGAAGAAGAAGCATGGATTCTGGAGAAACAACATCTCTGTGCGAGCGAAGACTTCGGCGACACCTTAGCGGCGCTGCAAGGTTTACAGAAAAACACGACGCATTTGAAGCCGACCTGAAAATT CATGAAGACAAATGCGCGAATTTGTGTGCGAAAGGCGACGAACTGATTTAGCGGATAATCATAACCATCAAGCCATTCGTCAGCGGATGGAAGGTTCTTAAGAAAACTGGGTACCTTGAACGGGCGGCCTTACG TCGGCAGGCATCACTGACAGACAACCTCGCCTTCTGCGAGTTTATGTGAAAAACCGACGTCGTCGAAAGCTGGATTGCTGATCGTGAACTCAAGTCCGAGTGAAGATTATGCTCGGGATCTGAGCAGCGTGCAGA CGTTGCTGACCAAACATGAACTTTTGATACGGCTCTGGAATCTTTTCGCACCGAAGGTATCCAGACCATCACGGCGCTTTACGAACAACCTCATCGAAGCTAAGCATGCCAGACACCGACCATTCACAAACGTTTCAC CACGCTGATGGATCGTTGGAATCGTCTGTGCCGATAGCGAGCGCGTAAAGCCGATCTTCTCCAACCTCAAGAACAGTATAAAAAAGTGAAGAAGCTGTACCTGGCTTTTGCCAAACGGGCTAGCACCTTTAACTC TTGGTTTGAGAACGCGGAAGAGGATCTACGGATCCAGTTCTGTTGCAACTCCCTGGATGAAGTTCGGGCCCTGTGCGAGGCTCAGGAACAGTTTAAAGCGAGTTTAAAGCGAGCCGAGGTAGATTTTGAAACTCG GTCAGTTGGATCATGAGATTAAATCTTACGGCGTTGGCATGAATCCGTACACCTGGTTACCATGGAAGCGCTGGTGCAGACGTGGCGGAACCTGCAGAAAAATCATTTTGAACGTGATGCAGAATTACACCGTGAG ACGCTGCGTCAGACCCAGAACGATCAATTGCGGCAAGAGTTTGCAAGGAGTTGCTAACAACCTCCATCAGTGGCTTCAATCAGTCCGACCAAGCATGATGGAGGCCCTCGGGCACCTTGAAGAACAGCTGGAAGCTAC GCGCCTGAAAGCTAATGAAGTCAACGCGCGCAAGAATGATCTGCGCGAAATTGAGGAACTGGGCGCCCGTCTTGAAGAAGCTGTGATTCTGGACAACCGGTATACCGAGCATAGCACCGTGGGCTGTCAAGCC TGGGATCAGCTGAACCAACTCGCTATGCGTATGCAACACAACCTTGAGCAACAGATTCAAGCACGCAACGTTTCAGGTGTCTAGAAGAGAGCTTTGCGGGAGTTTCCATGATGTTTAAACACTTTGATAAAGATAAA TCAGGGCGCTCGACCAACCGCGAGTTCAAGAGTTGCTTGCGCGCTCTGGGACATGATCTGCATGAAGTATCCGAGGGTCAGGTGGACGAAGAGTTTCGAGGCGATTCTGAATGTGGTAGACCCCAATCGTGACGGCTT TGTTACGCTTCAGGAGTTCATGGCCTTATGATTAGCCGTGAGACCGAAAACGTTAGAGCCGCGAGGAAGTCGAGGAAGCGTTTCGCGCCTCACCAAGAAAGGGAAGGAATACCTCAAAGATGGTAAGGAATAC ATTACGAAAGAACAGCTGTATTCTAACTTAAGCAAGGAGCAAGCCGATTATTGTTGTCGGGTAATGCCACCGTATTACACTAAAGGCGGTGAGCCTATTCTGACGCATACGATTATCATGCATTTACGCGCCAGCTTT TCAGAATTAA

264	OON19170.1-1	1782	5048	ATGCAGTTCGAAGGTAACGCTCCCGTTGCTTATGATCGCCTTTTAGAATCAGAACGGCCGCTGCACGTGGATGTCATTGCGCCAGTCCAACAGGTCCTGCTGAGACGCCTAAAGATGATTTGCGCGTGCAAGCTGAT ATCCTGCCGAAGCGTTACGACGTAGAATTACAGTCGGGCGTGGTCACCGACACGCATGGCACCCAGGCCGATACAAAACACGCCCCATCGTCCAGGTCGATGATGCATCTGTGCAGCACGAATTTAAGAAACGAGC GGCTTACGATCGCTTGCTGGAAGCAGATCAGCCGGTGCGCGTTGACGTGGTCGCACCCGGTACAGCAACTTTTGCCGGTAACTCCGAAAGACGATGTGGGCGTACAAGTCGCCATCGTGCCGAACAAGTTTGACGTTG AAATGCAGTCTGGCGTCGTGACCGAAACGCATGGTAACCAGACGGACCTGAAATTGAAACCGGTCGTTCTCTGTTAACGACATTAGCGTGCAGCACGTGCTTGCGCGTCCCTGGGATACGATCGCCTCTTGGAACCC GAACCGCAGCTGCACGTTGACGTAGTAGCGCCGATCCAACAAGTGCGTGAGGTAATTAGACTGACGATTTTTGCGCACAAGCGAGCCTGGCACCCTCCGTTATGATGTTGAAATGCAGTCGGGCACCGTCACCGA CGTACACGGAACGAAACCGAGATCAAGCTCCAGCCAGTGGTCCCGTGCATGATGCCTCCGTCCAGCATGCGACACCGAAACCGAAGCCCGCGAAATAAAAAAGTTCCAAGTGAACCTGTCGCTGCCGCTTTG ATACATTGCTGGAATCGGAGCAACCATTGCGTGTGGATGTCATTGCGCCGGTGCAGCAAGTTGTGCCAGAAGTGCCGAAGTCGGATATCGGGATGCAGGTTTATATTTACCCGGAGCGTTTTGACGTGGAACCTCAA AGCGGTATCGTTAGCACCATCCATGCAGTGCAGACGGAACCGCAGTTGATCCCGGCCGTTTCGGTGCATGACTCGAGTGTTCAACATGTCTCCGGTAAACCGAAGCCGGTGAAGATAAACTGCTGCAAGTGCGCAT TGACAGCACGGTTATGATCGTAAGGTGGAGGCTGAGCGTATCGACATGGTAGACCTGGTAGCGCCGGTGGTGCCGATTAAGTACGACGTGGAGACACAATCCGGTGATGTACGGACTCTCAGAGCATCCAGACC GACCTGCGTCTGAAACTTGATGTACAGTCAGTGATGCGAGCGTGCAGCATGAGGAGCGCAAACCGCGGGCTATGACACGTTACTGGAAGCTGAAAAGCCTCTGTCCTTAGAGGTCTTAACGCCAGTACAGCAGTT GCACCAGGAACCATCAACAAACGATTTTGGTATTAGGTCACGATTCTGCCAAATAAGTTCGATGTGGAATTACAGTCTGGTATTGTTGTGGATGTTACACGGGACCCAGACTGAAATTGTCCCGGTTGATGAAATTTCA GTGCAGCACGAAACGATTCGTCGTATCCGGAGGAGAAACAAAACTCCAGGTGAATCTGGCACCGACGCCGTAGACGCAATCCTTGAATCGGAGCCGACGTGCTCGTTGATATCGTAGCACCGGTTACAGAGGT GCACCGTGAAATTCCAAAACAGTCGAAATTCAAGTGGGCTGCACCCCGTAACTATGACGTTGAACTGCAATCTGGCATTATTACGGAAGCCACAGGTACAGACAGACGAAATCCGCAAAAGTCCAATTTAA
265	OON19170.1-2	1782	5048	CACACCGCGACGCAGGAGTGCAGCACGTTCCGGCCAGGCTCGGCCTGGCGAAAAATAAAAAATTCAGGTGAATCTCTCTCCAAGCGCAGTGGATACGCTGTTGGTGCCAAACAGATCGTTCTGAAGAATACGGT AGGATTGCAAGCAGAAGTTGTGCACATGACGACAGATGTACAAGTTCAGAGCGGCGTGATCACCTCCGTTGCAGGAGTCCAACGGATGTCTTGCAAAAACCGCCGATCCTTACTGAGGATGTATCGATTCAATTTA CAGAGAAACGTCCGATCGGTAAGAGAACCAACGAGTGTGAAGCCGACCACGCGTGACCAGACAACCCAGTCAGAAGACGTATTACATATTGATGTTGTGGCACCTGTCCAACGGGAGGTTATCCACCCAGAGAA TCGTGGCATTAGGCCATTATTCAGCCGACACGTCGTGATGTGGAGATGCAAAGTGGGACCGTTATGTCCGGTGCATCAGACCCAACTGAGGCAGTACTGAAGCCTGTGATTCCAGTCGATGATGTGAGCGTCCAGT ACGAAGCCGCCCGTCCAACGGCCCGTGATATGATTGTTGAATCAGAAAAACCGCTTAGCGTTGAGGTGGTAGCGCCAGTGCAGCAAGTTATGCCGGAGATTCCACAAGTCGATATGGGTATTCAAGCGCTGATTGTG CCTACCCGCTATGATGTGGAGATGCAGTCGGGAGTGGTTACCGATGTACATGGTATCCAACGGATAAAGTTTTGAAGCCGGTGGTACCACTGGACGACGTGAGTATTCAATATGAGCAGGATATCGAACTGCTGG TAAAAACAAAAGCTGCAGGTTGCGCTTCACCCGATGCCGCACGATCGTATGTGGACTCCGGGGAGCCGATTTCCGTGGACATCATCGCCCCTGTACAGGTGGCGGCTATCCCGACGGCAGAGGCGTCTGTTCAAG CGATTATCACCCCAACAACCTATGACGTGGAATGCCAACTGGGCGTGAAAACCAAAACCGGCAGCAGCAGACGGATGCTCAAAAAAAGCGGATACCCTTGATGTGAACATTCAGTACAAATACGTGCCGGAAGT GCAAACCGCCAAAAAGAAGTTCAGGCGGAGTTGCGCAAGGAATTTATCGATATTGTTATTGGAAGTGGCCCGGAATCACGTCCGAGTGGAAGACTACCAAAGCGAAACCGAAGAAGAACTGAAGGTTCAAGTA TTGCCGCCGGTCCAGGCGGTAATCCCTTCAGAAGACGTTGGCATTAGGCGCAATATAGCCCGATCACCTATGATGTTGAGCTTCAGTCCGGTGTTCTACCATGATTATGACACTCAGACCGATCCTCTGATTAAAC CAGTTGTCCGACCGACGATACGGGCGTACAATTCACTCAAGCGCCTCTAAACCGGGTGCGAACAAAAAATTCAGGTGATTCTGACCCACAGGGGCATGACACCGTAATGTCAAGGCGACTTGAAAACGCAACCA GATGTAGTGCGCCGCTGACATATGATGTGGAATTACAGTTTGGTGTATTACGGCGGTCCGCCAGACCCAGACTGAATTAGAGCTGAAACCCCGGTGCCAGTGGAAGTGAACGTACATTATGAGCGGGCGA TGCCCATCTCACAGTACCGTGTTAGAAATCCGAACGTCCGTTTGTGCGAGAGATTGTTGCTCCAGTGCAGCAAGTGATTCCGGGTATCGAGAGCCGGGAATGGGCATTAGACAGCCCCGACTCCGACGCGTACT AA

266	OON19170.1-3	1779	5045	GATGTGGAAGTGCAGTCTGGTACGGTGACAACGGTCCACGGGAGTCAGACCGATGATTTCTGCGCCTGTCTCCTGTGGATGACGTTAGCGTGCAATTAGAACAAGCTGTAGGCCCGGCAGGCCGTAAACAAAA ATTTCAAGTGGACATTCAGGCTGTGCCCTATGACCGCAGCGTGGATAGCGGCGAACCGATCCGTTTGGATGTTATCGCGCCTGTGCAGCGCGTTCTCGCCCAAGTGAAGATGCGTCGGTCCAAGCGCGCATACCCC GAAGCTGAGCGATGTTAGCTTACAGTGCGGTACAGTGACGAACACATGCGGCAGCCAGACGGCAGAGATTGAAGAACCCTTAGTTGCGGTTGAAGAAAGCGCTGTAGAATATCGGATCTCCTCACCTCCGCCGGGC GTGAACAAAAAAGTGAATTTAGCGCGTACAGCGAGCCCCATGACATCTGCGTCGGCTTGACATCCCGATTCAAATTGATGTTTCGCGCACCAGTAAAAACAGGTCCAGAATCGGTTGCCAAAGACTCTTTTGGTGTG CAAGTTGTTATCAGCGCGGATTTATATGATGTAGAAACGCAGGCTGGGCACGTTACCGATGTCGGCTCGACTCAGACGGAGGGCCCTACGATCCCTATCATGGACGAAGCCGAAGTCCAATATCAAGCCTTTACCATT ACCAGTGGTCTCAACAAAAAGCTGCAGGTGCGCGTTTCCCGATCCAAGTGAAGCTAGCGTCCAGAAGGATGGAAGCCCGGTGGGGACGCGCTCATTTGGCGCGCAGACGGCCGAGGACTTAATTGACTCCAAGG TAAGTTTCGTGCGTCGCGTGCAGGGCAGGATTATACGACCAATACAGAAGACACCTCACAGTGGTGGCCCTCCCGATGGAACAAACCCTGCGTACCGAACCGGAAAAGAGCGACGTGTCGACACAGTGCAGGAT TCGTACTGAAACCTCGGTGACCCAAACGTCCTGTCTACGCGTACGCGGTCAGTGCGCAGCGGATGAGCCTCTGAGTATTGAGGTTGTGGCCCCAGTGTCCAGGAAGATCGCACCCGCAAATACGACGTCAAGT TACAACTCGGAGTCCGTACCCAGGTTGCGTTAACGCAAAACCGAGCCGCTGGTGCCTGATGCAGTAGATTGTGCGGTACGACAGTGACGTATCAGGAAGCCCCAGTCGCAACAAAAAAGTGCAGGTGAGTACCGA TATCCCCACTTGATGTATCTATCCAAACCGAGCCTCGCGAGCCACTTCTCTCCGATGTCCAGACACAAACCATTGTGCAAGATGAAGAGATGACGCAAAACCACTGTTAGTTATATGGATACGGTCCGTAAGAATCC CAGGGTTTTCGTTTGCATCCGGCCATCCCCCTTGTGAGAGCATTACCGAGTTTGCACCCCGCACCAGCAACAAAAATGCCAAATTAATTTGGTCTCGAGCGGAAGGCACAAAACCTATGACCTCTAATAAGAAAGTGC AAGCAGTGTGATTCAACTTGATTAGAGTGTGAGTTCGAATCACGCCGATCGTGTCTGAAATTACCAACCCGTCCTCCGGCGGCACGCGTGGAAGCGGAAGCCAGGTTGGACCAAGTGAACATAATAAAAGCTG CAGGCCAGCGGTGTGGTTTCTACCGATTCTGTGGGGTTGCACCGGCCAGTCACCTTGATGCGTTTACCATGACTGTGCTTCAACCGGGATTGATGATGACCCAGATCGAGGAACCGGTGCGCACCTGA
267	OON19170.1-4	2733	5999	GAACCCGAAGTGCAAGTCTTTCAGTTAGCCGGCCAAATTTGTACCCCAAGTGATCGCCGCGATTGCGCAACCCAGACTACGTTGAGCCTGACCTCAGACGTTATGGTGGACACCGTGCCGACCAATATGTACACAG ATCATCCAAGCTGAAGCGGAGCCAAGCCAAGAAAGCAGTATTTTCCGCACGCAACTGATCAGGAGCTTCTCTGAGAAGGTTGAAGCCGAACCTACGAAAGCAGACGTACACACGCTCTCCTTCTCCAGCTTCCGCCA CAACCGATCGAACTGACACCTAAGGTGGAACATACAGCCTATGTGTCAAAAACCATCCAGCTTAGTGTTCCGCGTGCCGACAATAGCCTGCAAAACCGATCTGATGACCGCTAGTAAACACTACCGGTTCCAGACGCGT CATGTACGCATCCAAAAAGGCAGTCTCTGGCTCTTCTCGCGCCAAACAAGACACGGGTATCCAAGTTGACCTGACCGAAGTTGGTCAAGAATCTCCGCTGTACGTGCGTCCGGTGCAAGCAGCAACCCGCTCGGAAGTT GTCGATACGACAGAATGCTATGTTTCTCTCGCTACGGGTCCATGACTAGTCCGACGGGCTCAGTACGCGGCTCCGTTTTAGGTGGCGTTACATGCGCCCAATGTGGTGAGCTGGGGCGTGCAATGCACCCACAC ACTTTGACTGGTGTTACCCAAACCGCTGATTTACTGAAATATGAGACGGGTTGGAATTTTCGGGCGATGCGGTTAGCATTAAAGAAGATGTAAACAAAGCAAAAGCGCTGCCACCATCGGTGTGACAGCAATAT CGAGGATGAATACCTTATCAACGCGTGGTGACGACGGTCGCTCGTCGGAGTGGGATTAGAGCTATCGCCACAACGCCCTGTCTTAACAGCTTCGTGGTTCGCGGTCTACACCGTTACTTTCTCTCGTGGCC TCGAACCTGGATGGTCAGTTTATCGAGGACGATGATGAACAGCTCGCCGGAGTGCTGTGACCACCAAAAAAGTGACCACCACTTACCTCGACGGCAGCAGAAAGTCGTGCGCGAAGAATTGCTTACCGAAGAAGT GCAGTCCCGCGCCCGCAGTCTGGATAGCCGATCGCGACGCATTTGCATCTGAGCGAACAAGACATGTATGAAGCGGACGTCTTCGATCTGCCGATGAAACCGACCTGCAGGCCGATGCGGAACATTGCTTTAACA ATCTGCTTAATATCTGGAGCGTGCCGATCTCTTAACCTCGCATTCGCCGCCGCGCGGGAGCTTGTCGGTTGACCGCGACCTGGCTACGACGGTTGGCAGGGCCGGCCAACTCGTTTAGTTGGGGCCAAAACCCAGT ACACCAGTACGGGCTCACTGCTTCTGTACAGACGGGGAATACTGTACCGCCGAGACGCAGACGTTTGGAATTTGTGGGGGCGAACCAGCCACCAACAAAAACAAGCGCAATTCAGCGCGGCTCCTAGCTGTATTAGC TGGTGCCTATCGCAAACCACCGTCGCTGTTGTGGAACCGTCCCCGCCACCGACGAAAGCTCTTTGGTGAGCGCCCCGGGGCGCCAGAAACGTTCCACCAACCCCAACAGCAACACGAAACAGACGACGAGGTGGG TTTTACTACCACCTACACTGAAGTTCATCGTGAACATAGTAGCTCTTCGCGTCTGCCGTGAGGACTATGTGTGCCGAAATGCGGGACCCATGCGCATATTCCTCAGTTTGGCACCATGTGACCACTCAGAGTCAG AGTTTACCAATTACTCAACTGCGTAACGCTCTCTACAGACGCGGTCCAGCGGTTACTACACGCTGAAAAACGCTGGCCTGACGTTGCCGTCTACATTGGCGACGAAGAACTCATGCGTATCAACCTAATCAGGAA GTGGTGAACATCCACAGGTGTCGGTGATTACATGGTGCCAGGCGACGACACCGAAGCAGCGATGTAGGCTCGCCTAGTACAACGCACGACGAGGTTTGGGTTGACTCTCCGGGGAACTCCTGGAGATGCAGG TCACGGGGGTGACCGTACCCGGTACCAACAAGGTGATCTCTGCCGCCAAGCGTTTTATCGCGGGATTCTTCGCGTCTCTATTGGGATTATACGAAAGTGGAACCGCGCGCAAACTCCGGTGACATGGGGGTAGCG ATCCCCCTCGTGACGCTGTACTGAGCGATGCAGTCAAACCTCGCGCTGAATCGCGCGTGACAAGCCGTGCGGTGAACAAACACCGACGATCAGAGACCTCAACTCTGGATGCTCAGTGTGGACAACCCC AGAACGCCACCGTACTCGTTACCTCGTGATAGCATTGCGCTGAAGTCGAGCGCCAGGAAGTGGGATCCCGCACCGTCAGTGATGCGTATACGGTAGCAGCCGCGATCCGCGCAGGCTATATCGATCGCGATAGCG GCCTGCTGGTCTGTTAATCCGCCGACTACGGGACTGTCTAGCAGCGCTATGCATCAGTATCCCTATGGTACTGAAGAAAGCTCTCAGACGACGAACAACTGAAACCTTGAGCGTTCAAGAGGCGATGCGCCGT GGCATCTGCAGGCGGAAGTATTGAAACCGATTCTCCCTATCAAACGCGTTCGGAAGGTCAACTGCGTACCCTGCCATTGTATAGTCCGCAAGATATGCCGACGATATGGATATCTAA

268	OON13874.1-1	1782	5048	CTGACCATTGATACTAAACAACGTGTTATTGTGGTGAAAGAAGGCGATCCAGTACGTCTGGTCTGCGAATCAACTTCTTATCGCGGGGGTATTGGCGTCCATGAATGGATCCCGCCGTATCTAGCACACGTACAGCGAACGATAGTCGTCGTCGCATTATTCATACACCTAGCCTCGCGACACGTGCAATGGCCAGCGACGCGGAACTGCATCGTAGCAAGGCGACTTTTGAAATTGAGAGCGCAAATAAACAGGATGAGGGCGAGTACATGTGTCGTGCTACCGTCATTGGAACGATGGCAGAACTCCGACTTACCTGATCGTTTCGCGAGCCCGGTGAGCCGATGCCGCCGCCATTGCGGACGCGGAGGATCCGCTGGATTCCAAGTTCTGGATCAGCGTGCCCCA GGGGCGAAGGTGCCATCGGCTGTCTCGTACACCCTGGAATCTGATCCAACCGACGATTTCGGTTACCCGCGCGATCATTAAAAATGCGTGACCCGGCGGATCTGAAAAACCACTGTTTGCTCTCGCCCAACGG AAGCCAGATCGTGACGAAATTGGAACGCATGGACTTATTACGGGTGACGCGCAGTTTCTGCTTCATGTTCTCACGCGCAGCTTGAAGCACAGCCGGAAGATGTGAGGGGTATCTGGTAGGTAAAAACCCGGCTT CTAATCCTTTCTGGACGCCGATCGGCCGCCGAACGTGATTGAATCGGCTAAAGATCGTGTTAAGAGCAAAGATACACTATTCGCCGTGACCGCTGAGATCCCGTTTATGCAGCCTGAGACGCTGCGTGTGCTGA AAAAGCCGGTAAATCTCGGATTGCGTGGATTGGAACGTCTGAGTGATCTGCCGACAAGGTTGAACCGTCAGATGTTATCCCTCCGAGTTTCCGGAAGGCATGATTGAGGAAGGCAACGATCTGGTGATTGG GCCGACGCGAACAGCATGAAGGTGTATACGAAGGGGTTGTTATCGCGACGATGACGGCGAGGAGTTGAAGCGCTTTAACGTGACTATCCGGTCCAGCCATTAAACCCCGGAAAAACGACCCATTTAGATCCCG GAACGGCAGTAGATTGCCACAGCCGACTGATGAGGGTGTGACCACCACTGATGCCCCGGTGTGGGATTTTGTAGTGACGGGATTTACGCCGAAGCAGAATACTGTGAAGAACCGAAATGGATGCTGATCGATTAT CAACGCAAAACGGTGACGGATGTGACCACAAAGTGACGCGCTTTCCCGTCGAGCTTTCCGGTTGAGTATCCGCTGACGAGCGGTATTATCTGCGCTTCAATGCAACCCGGTGCCGTGGTGAAATTTATTCGGT GAAATTAAGTATAATATTACCAGCGATGATCCGCGCATCGTTTTGAGACCTACTATGAAAACCCGAACCTCACCTTCCCCACCCGCTGGTGTGCTACGACCTTAACCCGAGCCGCCGTCGATGTCGAAATTCGCT CCGATGCGATGGGCCCGGATAAATTAAGGAGGGCTCTGGTCACCAGCCCTCTGGGCCGGGATCAAGATCCGATGGGTTGTCGAAAGTAAAGTGGAGCTGGATTGGCAACGTATTGGTCATTTGATCCCTTTTCA GATTGCGGTAAATATACTTGCTTTGTGAATAATACGGAGGCGTCCGGGACGCGTACGGTTGAGATTCGGGACGAGAAGGTGCCGGTCAAAGTGCCGGAGGATCCGTTTCTCGCATTTATTTACTCGCCGTAA
269	OON13874.1-2	1782	5048	GATACCCTGGTTTCCAGGAGGTAGACGGCCGTTCCAGCGTAGAAGTTACGGAGGGTGATCGTCTGCGGCTGTAAGTACGATGCGCGTCCGGCCTCCGATTTTTTAGGATGGAGTAGTGACAGCTCCGAGGT TAATGCGAATATGCGTTTTACCCATAAACCGTACTCTAGTCTGGTAGAAATTGGCGAGGCGAATCTCGATCTGGACGGCAAAACCGTGAGCTGTAACACGGTAGACAAAGAAAAAGTAGTGAGCTGAAAGTGATTA GCAAAACCGAACGTGCATACAAAGTTAAGGTGACCAGCGAATATATGGTTGGTGATCGTATCGTGGGCACCATCGGCTCCGACCTGGAATTGCAGTGTAAGTGAACCAAGTGCGGGGTAGCCAGTTGCGATTCA GCGTATCGATTGGTTCGTTCAGTATCCTAATGGACGTGTCACGCGGTGTCTAAATCTAAACTTGCCGAGAAGTGCAGCTCGAGGATAACGGTAGTATCCTTCGCTTCAACGGACTGACAAAGCGTCCAACCTGGCGC TCAGATTTTCTGCGTGCCCGCCCGGTGATGCGACCTCTGCTTTACAGGCTTATCATCCCTCGCCTTCAGTGAGCTGTGGATTGCGAGCCCGAATCTCCTGGCGGAGATCCAACCGCTCGCCCGCCGGGTGTCGTG GTGCGCCCGAGGACAGGTACGATCCGCTCTACTGCACAGCTACTGACCTGTGGCACAACCGGCCAGTTGAAAACGTCCAGATCAGCTGGGAAACCGAAGTGCGTCCGGAAAAATTCACGGCGGTGGTGAGCTGA AAACGCGCCCGAGTCTGCACGATATGCCGTGGCTCTTAAACAGGAATCCATAATAGTCTTGTGGTTGGTGGTCTGCGCCGTCCGCCGAATGGATTGGTCGTTTTGCTGTACCGTTACAGATCCTCTGTCTAATGT GTCTGCAAGCTCTGATTGGGCGGTTCTGGAAGTCCTGGCGGGTGACATTGCGTCTCGCGCGCCGAAATTACGCATCATTGCCGAATCGCGTCCAGTTTTCCGTTCTATCCACACGTGCCGAATGTGTCGATGAGAA CAAAGAATATCCTAGTGAGGTGTCCTGGATCCGCAACGAAGATGCGACCGCTCCGGAAAAACGTTGAACAAAAGCCATCTCCGCCACCATTATTTGGAAGGTCAATGGTATTGAGGAATTTGATCCTCGTAAACATG GCGGAATTTACACCTGCAAAGCGGTGAATCCATACAGCTCCGCATATAAACAATTCAGTTTCCCTTGATGTGCATGCCAAGGAACCGATTCCAGCTGCGGACCACAACTGCTGATCACGAGCAGTACACAGAAA TCCTGCGGGACACAGATGAAGTCCGTATACCCGTGTGATCCAGGGGCAACCTTTGCAATTACTGTGTGTTTTTTACGGCCACCCGCCCGCCGGCGGACTGCAGTGACGGTGAACGCGCCGGCACTGCGAAC GATGGGATGAGCCGCTTCTGATGCAACAGGGTCTCCAGGTAAAAAGTGCCGGCTGTATTGGGCACAGTTAAATGCAGCGTCTTTGATGCAAAGGGGAAACATACCGGCCTTTATCAGTGCGCCGCTTTAGATTG GACAGGTAACGTTGTTACAGCAGACTCAAGTTCTGTGCGAAATGTATAAGTAACGTGAAAGTTAAAGAACTGACCGATAGTGGTTTGATTGAAGGTGAGGAAGGTAGTGATGGGGTGATTACCTGTAACATA

270	OON13874.1-3	1779	5045	GCATATGATGGTTATCTGAACTTCATCTTGCCGGACGCAACGTATATTTGGGAAGTTGAAAAATATACAGGGGAGCGCGTGCAACCCTAATATGTTGGCGAACACGGTTGTCATTATTGAAAAATCGTATCGAATACACG GGCTTGTCCTCGTGAGGCCAGCAACTTTCGCGCGAAATGCGTTGCCTTAAACCAACAGCGCGGTATTACAGTACTCCTTTCGGGTTCCGGGTACACCGCATCTCAGGGGAACCGGCAAAACGCCGACCGATATTGA GCCGGGCAACACGCGTTGGATCGAGGAGGATGGCAAACAGCCGATTAAATGCTTATTACCGCCTGCATACCGAAACCGGTGATGCGAGCCTCTCCGAGGGAGACAATGCCAACTTAACATGCGTCGTGGTGGAT GCCTTTACTAACAAAACCTTCGACGCTGATGAATTTTATTTGGGCTGGCGGATTCTGGGTACGCGCGGAGAACCGTTACACCAAGGTCAGTTAGCTTCGGGCACCGTTGAAACCCCGCTCTCTAGCAGCGGGGATGCG ACCTACCTGTTGCTGGAAGGCGCCCGCTCGCCTAACCTGCCGGAACCGAGCGCCTGATCGAATGTCTGGCGACCCGTCGTAGCGAAGCCGTCACTACTACTCGAAACCCATTGAATATGTTGTTACACGACAAA GAAACGCCTGATTTTAAAGGGGAACAGGAGAAACGCGATGAGCGCAATCGTGTCAATGTCAAAGTTACCGGTTTGGACGACCGTGGTACCCTCTCTGCCTCCGAAGGCTCTCTCCGTACTCTGGAATGCGTAACCACG CACGGTGTAGATGGACCGATCGAAATTCAAATGCCGAATACAGTTGGGAATTTATCCGCTTGGATGGCAATCCCGTCGATACGGCCTCTCTCATGACGCCGAACCTGGGTAGCTTAGAATTAGAAGGAAATAAAGTT GTGTTGAAAGGCCTGCGTCAGACGTCACTATTAAGGTGCGTGACCGTACGCGTTACCGGAGAGGCGGTGGAGGATCAACCGGCCCGTGTGCAAGTCTACCATTACCCCTACTTTCGCTTTGATGTCACGGACGA TTCGGGTCTGGGCGTGCGTGATTATACATCACCTACCGTTCCAGCCACCGCGACGACGAGACTACAGGCGTAATCGTAGAAGTTAGCGGCCCTGATGAAAAAGGCCATCTGACGGCCTCACCGGGGGCGTCGCGG CAGCTGAAATGCCGTGTTCTGAATTCACAACCAAAGAAGCAATCGCCGATCAAGCGGACTTTGACGTGATCTATGGGTGGGAGTTCCAGCAAATTGATGGGCAGACGGCAGGCAGCGGGCAAGTTGCGGGGCGCA TTCAGATTGATTATCCAGTGGCCAAATGCATGTGACAGACCTGCGCGCGCAATCCGAGACGCAACCTACGAAATCGCGCTGCGTGGTGGAGCTCATCCCGAAAGATCGCTCCGCGATCCCGGTTGGCGATACCGTT AAAGGGACGCGGGTGGCGTCTCCGTTTTTTTTGATTAACTGTCCGCCAAAAGAACAGGCCGTCCTGATGATGTGGATGTGCCACAGAATCGCTATGAACTGAATTTGAAGGCCTCGATGAATATGGCGCGCTGTAT GCGGAACAGGGGAAAGATATTAATTAATAATGCGTCATCCGTGATGTGAGACGGACACACTGGTCAATCTCTGGGGCCGGCCCAAGCAGTCGGCTGGCAGCTGCCTGTTTATCCGAGTGGTTTCATTAA
271	OON13874.1-4	1782	5048	GGCAACCCTGGCGATATTTTTGCGGAGACACGTATTGATCGCAACGAACGTGACGTTGCAGGGCTTACGTTCCGATGCCATTGAGGGCCTTCGCGGGCGTGCTGGTTCTTCGATGGTCTGACCTACTATTATTCGATT ACTTCCCTATTGTTACGCCAAAACGGGAAGTGACGGGCGGGTTCGTGTACAGGTGAAGGAAATTGGCGCCGATGATGAACGTAATAATATTTGTGCGGCATATGATGCAAAAACGGGCCAACGCTTAGATAACGTT TCGTATGAATGGGTTTTACAACCTCCGAGCGGTGAACGTATTTGGCCAGCATTTTATTTTGACATTGTGGACTCGCGGGGCGCAGAACTTACCCTGCGTCTCATGGTAAACGTCTGAGTATTCGGAAAATCTGAAAG ATGATGGTCCGTTTGAAGGGCGTTGCATTGTTTGTACCAGAACTGGCTGGGAATTTGACGGAACCGCACCGCATCAATGTCTATCAGAGCGAGCCGTTTATCCTGATCGACAGTAAACGCGATTATCCGACACCGT TTATTCCTCCAGATCCGCTGAATACTGATGATCGTAAAATTGCGGTCAATGTGGATGGTGTGCAACGCGGACTGGTGACTGCTAAAGAAGGGGACACTGTGACCTTGACCTGTCAGGCGGTGGACGTGAAAACGCTG CTTCCGGTGGAGGGGCTGAGTACCGCTGGGAAATCCAGACGCGTGACGTTCAAGCGTATCGACCACAGCTTTGGCCCAAAAGGCTGTGATGGTCAATGGACAAGAGGGCAACCAACTGACTGTGATTGAGATCA ACCTGAAAAGCGCAGGCTTACGTGCACGGTGTGTGGTAAAAAACGACACCGAAGAAGGCGCACAAACCAGAATCACTGGGGCTGTTGCCGCCAGGCGCGGAAACAGCTCCCGCTTTTTGAATTCATGTGACCCG AAAACGCCGAATCAAAACGCTATGAATATCAAGGTCCCGAAGATTACCGGATCGAGGGTGACCGCCGCAATATACCGTGCTGATCGACGGCCTGGATGACTCAGGACGCTGTTGGCCACCGAAGGCCAGGACC ATACGCTCGATGTGAAATTGAAAGATACTGTAAGCGGTGAAATTAAGCATTGCGGACGACCTGCTGTTACTAATGTGGGAATTGAGACCCAGTTTGACAACGGCCAGTCTGCGCCGTTTTACAGCTGGCGGAC AAGATCTCCGTTACGGTCGCGATGGTGTGATCAAACTGAATGGGATGCGCGGGCCGACAGAAGGGCCCCGATCCGTTTTGCGATGGTGTGGAACGTGAAGAGATGGTGGCGAAACCGGATGGTAAAGCGGT ATCGATCTTGAGAAGAAACGTGTGCGTTACGGTTCGGATTTTCGTGGATGTGATTCCGCTGAAACCTGGCGAGCCAGAACCCGAGTGAAACAGCCGAGGATTTCCCTATGATTATCCAGTTGTGGATGGTTTTAAC AAATGCGGCAATCTGCCACTCAAAGAAGCGGGCACAGCTGTCTGATGTGCCGCCCAACGATACCCGATCGCCCTTGATGACCTCTATTATGCCTGGGAAATCCGCCATAAATTGGGCCAGCAGATGCCTCCGCTC AATCTGGTGGCGAAACAGGTTAAACAGCAGGGCAATCGGCTGTATCTGAATGAAATGAAAGAAGTTAAAGTCCCGCTGGTAGGGCGCTGCCTGATTCTGAGCACTAAGTACAAAAATCGCCAGTACAGCAACTAA

272	OON13874.1-5	1779	5045	AAATTGATCGTGGAGCCACATGCGCCGGGAGAGCCAGTAACACCCGGAGAAAGAATACCCAGTTCGCATTGCGATCAAAGGTTTGGATGAACGCGGGCAGGTTAACACGATTCCGGGGACGGACGTCCACCTCACAT GTACAGTACTCGACGAGAACACGAATGAACCTGTGAAAAATGCCGACATTGGTTGGGAATTTCTGTCAGATACCGGTGAAACTCTGTCGTTTGCAATGCTGGCGGGAGCTATCAGGTAAGCGACGACAGTGAACCTC AAACTTATGGACCTGCTGCCAAATCGCAACGCTCTGGGTCGTTGCGTCGTAACCTTGAAAAAGCGCGTGACGCTGTCGTCCTCCCTACTTCTTATTCAATGTGGATGATGCGTCTATTAAAGTCCCTGATCCGGTCAGCC CCATTCAATCTGACAAGCGTGTCTGGTCGAAGTAGCCGGCTGAACAAACAGCAACAGATCAAAGTTGAACGGGTAGGAGACGAAAGCACACTGCGTTGCCAAGCCATCGTGGTGGCTACGTACGCCCCACTCCTC CCGGTGCATGGTGTTCGTTACGGCTGGGAGTGGCGCTATCTCGACGAGGATCCTGCCACTACCAGCAAAGTGCCCATCAGCGTCCATACGAACAGCGAGCGTCTTGAAGTGCCTGGCATTACGGCACCGCCCGGGAC GCACGGCCGAATGTCAAAGGTCGTCGTCGTTGTCACGTCCCTGCGAATCAGGTGGACGATACCTTACCGGAGAACAAATATCTGGTGTACGGCAGCGAGTATTTACGGTTGATGTAGTCAAAAAACCCACGACTC CTGTTCCGGATGTGATCCCAATTCTGGTAAGCCGGAGGATGGTATTATTGTCAAAGTGATGAATCTGGATGAGAACGGCAATCTGGTGGCAATGAGCAGGATAGCGTTGCCGTGAAGTGCGAAGTACAAAACGC AACCCTAACCAACCGCTGGCCACCGAAGGAAAGCGTGCAGAATATCGCGCGGTTTATGGCTGGGAATTTGCGGACGTGACCGGTGCTCCATCGACTCCAGCCTGTTGCGCGATAGTATTCTGGCTGATCCGCATG GGAAATTTGCGTCTGCGCGGGTTGGCGGGTCCGACACGTGGCGAACTTCCGTTTAAATCCGCTGCGACGCGGTCAATTTCAAAGCTTCCCACGGCGCCGGGTGAACCGACCGGTCCGTGAAAATCGTACAAGTCCGAG TTCTTCGCCCTTGCCGTGACACGCGCCGACGGTACCTCAACGCTGGACGGCAAAGAAGAGGACAGATATTAGCGGTGCTGCTATTATTGTGACCGTGGATGGCTGCGCCCGGACCGGACTCTGACCTGTGCGCTG GCAGGACGCGGAAGTGCCTGTATTGCGCAGGACAGCAAAACCGGTACAACGGCGCAGGACGTTACCTACGGCTGGGAATTTCTGCTGCTGTTCCGGTTCGCGGTTTTAACATGGGTCTGTTAGCGACGAACGTGAATC AAGAAAACGATCGCTTAAATTAAGTGAAGCCGCTGACTCAGATGGAAGACCCGCCACAGGGGCGCTGCGTGGTGCACCGCGGACGCCAAGTGTATCACAGCGATTACTTTGGTGTAAATCGGTTTGACG CCGAAAGGAGAGGAAATCGAAGGTGATGGCCGTGTTCTGGTGTCCGTGGATGGCGCAGATCAGAAGTTGAAAGTGGTTAAAGTTAAACCGGATAGCGAAGTGAACCTGACGTGCGTCGCAACCGGTGTTGAGTAA
273	OON13874.1-6	1782	5048	ACAGGAGCGCCGGTGAGTAATGCCAGTATATCTGGGATATGCGTCTGGTCCCGGAAGAGTCGGCACCTGAGCTGAAAGGAACCTTAGGTCTTTTATTGAAAGTGCTTAGAACAGCCAAATGGCCATGTGACCCT GCGTAGTGCGAAAACTATCTCGGGAATCGATCAGGCCCGCCTTCGCTGCCGTGTTCTTTATGACAAAACCTGGTATTCTGTCCTCATTTTACCGTCTGATCCCGGATAGCCCGGATCAGCCACCATACACTCCGGACCCG GTGGTGTATCCTAAGTACCGCGTGGAAGTGAAGGGCTTGATGCAGACGGCGTCTGACCGGTAAAGTGGGCGACAGTCCAGTCTTCTGTTGTCACGCATACGACGCAGGGACAGGCACGGAGACACAAACCGTGA ACTATTATTGGGACTTCAGTCGGACGGATGATGAGTCGGTAGCGAGTGTGATCTGGTAACGGGGGCTTACGTTTCTCTGGTAACGAAGTGACCTGGACGGTCTGGTGGCGATTCTGGCAACATTCTGGGCGGTT GCCTCGTCGTAGACCCTGGCTTTGATAAATGGGATGCGAGCCGTATTTTCTATTACGTTCCGGAACCGGTGCAAATTTGTGCCAGATAAGAAACACGTCGGGCTGGCCGATCGAAGCGAACGCGACTGACGATC GCGTGACCGTTAGCGTTTCGGGTTTGGATGATAGTGGAATTTGGTTGGGAAAGTCGGCGAAGATGCAAGTTTAACTGCAACGCTGTTGTTAAAGAAGGTGTCACTGCGACCGTACTCAGCTACGGATGGAATTC GAGGACGAGAATGGCAAGCCGATTACCACGAGTTACTTGGCGGAAACCGTTACTGAATCCCCAAGTACCGGCACCTTGAAATTGAAAAACCTGAAGCCATCAGAAACGGGTTAACTGAAAAATGAAAGGCCGCTG TGTAAGTGGAGACCGCGTAACGACCCGCAAAATCTCGGATGGGGACCGCGAGACGAAATCAAAGAAAAAGTGGTGTTCCTCAAGTAAGTCTTCGGGGTCAGCGTGACGGAGGATGGTACCCAGTGATCAAACCA GGGGCCAGGGCAGCGGTATTTTGTAGAGGTGGAGGGTCTGGCTCAGGATGGCAGTTTGCAGCCGAAACCGGCGACAAAGCTCAGCTTCAGTGTGTTGCCAAGTATACGGCGACCGGAAATATCGTTCCGGACG TCAACTACGTTTGGGAAATCCGTGACCAGGTTGGCGTCTGGTCCGATTGGTGCCTGGCTGAACAGGTTATGCGTCGCCAAAATACCTTGGAGTTGCGCCATTTGCGCCGACCGATAAGCTGCCTCTTCAGGAGC AGCTGTTGCGCCGCTGCGTTATTTATCATAGTACGACGTTACACATGTATACGTCCTCCGATATTTTCACTGGATGTGCGTCTGCGGACTATTCACTCCGACAGGACAGATGACCGTGTGCTGTTACGTTAAAGGT ATCACTGAAGGCGGCATCCTGGTGGCGGAAGAAGGTGAAACCGTCACCTGGAATGCACCGCCCTGGATAAAAAAGAGAATCGCGTGCTGGATAGCAACGAAGCCATTTATCAGTTTCAGTTTGCAGGAGTCCGTCCC AGACGGCGGAAACTGTACGGCGGCCATGTTGCAGATCACATCGAACAGGATCTGCTGGCAGGTGGAGGCATCAAATTAATGACAGGTATTCGCTCAACCTGGGATGGCGCCGCTGCGTGGTAGTTTGA

274	OON13874.1-7	1782	5048	GTTTTGCCAAGTGAGGAGCGTATGCAGGATGCGGCACACGAATACTCCTCGGGTTATTTCTATTCCGGCGTACGCAAACGCGGGGAACCGCCAGTTCAACCAGGTGGTGTCAAAAAAGACGCGGATGGGTTCACTCG CGACCCGCTGGTCTTTGTAAAGGTGGAAGGTGCCGTCCAAATCATACGATTGCCGCGACAGTAGGGGAGAGCTTGGAACTTCGTGGTTACGCAATTGATGTTCCGACCGGTAACCGGATCGAAGGTATGCATATT CCTGGGAAGTGCACACCTTGATAACCTGCCGTTGTCTCAAACCAAGTGTGCGATTCAATGGCGACGGGCGTGTCTGTTTCGGGGATGATGGCCAAAGCTTGCGCATTAAATCGTATCGCCCGACCGCGGAAGGGGTG AAAGTCCGGCTCATCGCCACCGCCTCAGACAAATTGAAAGACCAGACCAAACACGGGAACAAGTACGCAAGCCCCCTTCTACACATTTGAAACAATCGAGTCTGATAAAATGATTCCGCCGAAGCCAGCACGCCAA ATATGATCCGGAACAGATGCAAGTGTGTGAGAAGGCCCTCAACCCCGACGGCACCCCTCTACGCGATGGAAGGCGAATCCGTAACCTTGAGTGCTCGCGTCTTGATAAGCAGACCGATGAAATTATCACGGACGATT TTGACTTGGGTTGGTGTGCTGGTACCGGTCCAGATGGCCGTCTATCCGCTCAATCAGTTAGCCGACTCCGTTACAATTGAAACCGGTGAAGTACCTTGGACGGTCTGCATAAAACACCTCATCGTAGTGGTGGCCT TCGTGCTATGAGTACCTTACGCTGGGTCCGGACCAAGTGTCTGAATCCGGAATAATCCGGATGGAGTTGCGACGGTCAATTCTGATGTGTTTCGTCATTACGTAAATCGCCAGATGACATTCGACCGGATATCCCT GATAAAAAGGAGGATCCGCCTTTTATCAATTGGATCCCGGGCCCTGATCCAAAAGATGCAAGTATCGTTAAGGTGAGCCATCTGGACGAACGCGGCGAGCGTCCGTTCCCGTCTGGTGAACAGATCTCTTAACTTGC GCCGCTACGACGCTGTACCTTCAGAAAGATTGTCCGAGCAGTGAAGTACACCGATTTTCTCCTGGGAATTACGTAAACGGCTCGGGAGGCCAGTTACTGGATTATGGATATCTCGCGTCCGGGCGTGTGATTGTG ACTCAACCGGGGGCGGTTGCAAGTATGAGGATGTGAGCCGCTGACCTTTATAATCTGCGCCAATCAAGACGTAGATACCAACGCAAGTTGGGCGGTGTGTGGTGCAGCTGCGCCAACAGGTTTATCATTGAA TTACTTCCCGATTATGTGGACTCGGGTAAGCGGATTGAAGAGCGCACTACTCCCAGCTTATTGGTCTCAAGATGGTATGGTGAAGTTATCGTCCACGGTTTGGATGATGATGGTAAACACACTGTAAAGAAAA CAGCGACGTACGCTGAAGTGCAGGCGCGGAAACGGTACTGGACAAGTCTGCGCGATGATAACGTCCGTTATGGTTGGCAGCTCGCAATCCTGTACGGAAGATTTAAAACTCCGGCAGTTGAAAAAGGC CGGTTAGCGGTCCCAAGCTGGAAGTACCCAAATTTCCATCCAGAAGCGCAAGGAGACCGTCTGATTCTTGGGGTTGGTGCCTGGTGGATGTGGTCCCGACCGATCCTGAGCAGGAAGGTACGATTGA
275	OON13874.1-8	3120	6386	AAACACTATCGGTCCAAGCCGTTTCAGCTCATTGTAGATTCAAAGGAACGTGATCCAGAAATGAAACCGCATGAGGTCCAGATCCCGGACGAGTTTTACATTAAGATTAGCGGTATTGAGGAAGACGGTATCCTGAA AGCTACAGAAGGATCGGATGTGTCCCTGTATGTCTGGCGGTAGAAACGAGCTCAGGTATGGTACATAAATCGGACCGCTGGTTTATGGGTGGGAGTGCGCAACCTGGATGGCGGCCTTGAGATGCCAGCCGC TTAGGCCGTAGTATCAAAGCCGCGATAATGAACTGCTGATCACTAGTGTGAAACCGACGGACACCATCAAGGGCCGCTGTGTAGTGACCGATCGTCAGCCGTTCCGGCAGACACCACCGATGAAGAGAAATCTAAAT GGCTCCGCGCAAGTATATGAGCGAATTTTTTTTCGTAACCTTCGATGCCTCTGATCCGGAGAAAAGAAAAGTGGTGGATAAATTTGCCCCACCGATGCGTCCGATGACGCGGTGATCATTCTGTGCGACCCAGCAC AGACTCAAAGATTAATCTCGAAGCGGGGTCAACCATCACCTGAAAATCTCTGCGAAGAAAAGATGGCACCCCGGTCCAGCCGACGGAATTTGGCTATGAACTGGTGGACATCTCAGGGCGCATTACTGAAACGG GCGCGCTGGCACGTTCCGCCGAATTTGATTACAGTCAGGTGAGTCACTTACAGATATCCAGTATCCAACCGAGCCGCTGAAAATGCGTTTTCCACGCGCAGATTCGCGAGAAAGCTCCAAGTACGATGAAGAAC CAAGCGGTCCACTTATCTATCGTTCCCTTATCATGAGATTATCGTTGAGACTAAACCTGGTGACTCTCGTCCACCGTGGACCGATCGTGAAAGTACCTGTCTTCGATGTGTGCGGGACCAATATATGGTGAAGTTGC TGGCTTGGATGAAAATGGAAACGCGCGCGCCGGGCCGAATGAAAATTTACAAGTATTTGCTCAGTTTACGAGCAATGGACGAAGTGGAAATTAAGCCTCAGGCCTATTCTGTGGCAGTTTCTCGATGGGGAGGGC TATCCAGTGAATCTGGGTAACCTGGCCTCGCAGGTGGAGGTGAGGCGGGCCGGAATCTGAAACTCACCGTTATCGGAAAAGAGCAGAAGAACTGGGCATTAGTGGTCGCTGTGCGGTGACCATTTCAAGTTCCGG TCCCAGTCACGGCCACCCCACTCTCGAGTTACCACCGACTCAAAGTTACACGAGCCGATTTCCGCTTCGTTAAGAAGAAAGGCCAACCAGCCCGCCAGGTGTTGAGGTCACTGAGGAAATGGTATTAACCCCAA GCCAGAGGAACCGGAAACTACGCCGGCCCCGAAGAGTTACCGAGATTCGCCGGAACCGATTGGTTTTCTTTAAAGTTGATAGTTCTGCGAACCAGTTTATGATATCGGCGCGGATAACCATACAATTTCTGG CGCGTGTCAACGCCCGTTTGAATTAAGTGTCTGCGGTGTTTACGAGTGGGGGGATCGCACGTCAACGGGTGAACAGCTGCCGCGCTGGTATGGTATTACCGTCAGCCCGAAATCCCGGGTGATGTTCCAATT CCGAGCCAGGTCTTCCCGTTATGCCCGCGTATGGAAACGTTAGTAATCACGGCCAGGAAAATCATAAATTAGTATCCATAGCGATGCATACAGTTTTCGCGATGACGTGGCGGAGTTTCATTGCAATGCCTAT ATGGAGAGCGGTGATGTGTCGCGCCAGAAAATGTATTTGTACAGAAAGTCGCGGAAAAGTTCAATGTCCGTATCTTTGACGAAGAGAGTCGTGGCCGCGGTACGCATTCGTGGTGAAGCAAAACGCTCACGTG TTATGTAGACGAAATCAGCACCGGGGAACGCGTGGAAACCGAGTCTTACCAGTGGGAAGTGTCAACCGGTGATGCCAACAATGAGTGGATTCTGGCGACCATCCACGTACCGCGCAAGCGCCATTAGTGGATGG AAATCGAAGCAGTTAGTGCTCGATTCTCTGGTCTCCGAAGACCGCAACCCCGACCGAGGCCAGTCTTGAATTCGCTGCATTGTTAATCACAACGCGACGTTTCGATACTGCATCACGGCCATTTGTATGAATTTAC GTAATAAGCCGTCATTGAAAGTATTCAGATCGACCGCGAAAAGCCACAGAAGCGGTTCTGGCCGCGGTGGTGTCCCGATGGACGAGTACGACGCTGCAGAAGACTATCAGCTGAGCTGCAACCGGAAAGTTAT CGGTGCAGAAGCGAGCGCAACTTGGCAAAAATGCGCGGATAGTCAGTGCGATGAGGCGGAGGACTTGCATCTATCGGTGACAAAATGTTTTTCTTCGCTAATAGTACCCGCTATATTGACGAAGGCTTCTTCGTTG CCTGGTGGTCTGCAGCTTAAAGAATACAATTTTCGGCTGACCGAGTACGCATCGTTTACAGATTAACGCAAGAGCCCGCCGGCTATTATAACGGGGATGCCATCACTTACACGACCAATGACGAAATGTCCTGCA GTGCACGGATGAGAGCAGTAGTCTGAATCGACCGTGAATGGACTTTTGAACCTAGTGGGAAGGTCCCTGAGGAACGTAAAGATCCGATCTTACTGGGTAAAATTATGAGTATGGCCGATCTATATTTTTGCTAT TGCCCGGGTTCAGCTCATGACCGAACACAGTGGGAAATATACCTGCACCGCAACTAATCCGTTTGGCTCAAGTTCGGTACCATCGAGTTACGGTGACCGAAGACTTGCATCGTAACTTTCCCGGAAATATGGCAT TCAGAAAACGCCGAGCGCGGGCACTTTTCCAAACTGCAGAAACGCTGTTCTGGTTTAGCAGCTGCGCAGCAATCCGGCAGGGGTGTAACCGGAAAGATAACTGGGATTATCAGATTGCCCGCGTCGATGATTGGT CTTTTGTACAACTCAGTTTTTTCTGACGACCACCCTGAGTTCAGGCAGTCTGGCGAACTACAAAGAAATCCTTGGGTTGATTACACTTTCTGTAA

276	OON14937.1	2151	5417	ATGAGCGGTGAGCCCATGGCGACGGAAAGCGAAGGCGAAACGTTTGCTTTTCAGGCAGAGATTGCTCAGTTGATGAGCCTGATTATCAATACCTTTTACAGCAATAAAGAGATTTTCTCCGTGAATTGATTTCGAAC GCGAGCGACGCCTTGGACAAAATCCGTTATAAATCATTAAACGGATCCGAGTGTGCTGGATACGGGCAAAGAATTGTGCATCAAACGATTCCAGACAAAGCAAATAGCACCTTGACAGTTATTGATACCGGCATCGG CATGACGAAAGCTGATCTGATTAACAATCTGGGCACAATTGCCGCAGTGGGACTAAGGCGTTCATGGAAGCTCTGCAGGCTGGGGCAGACATCAGCATGATCGGCCAGTTTGGCGTTGGCTTTTATTAGCATATCT GGTTGCCGATCGCGTCCAGGTTGTTAGTAAAAATAACGATGATGAACAATATATGTGGGAGAGCTCAGCCGGCGGGTCTTTTACCATCCGCCTGGATACAGGCGAAGATATTGGTCGCGGAACGAAAGTGATCCTCC ATTTTAAAGAAGATCAGACCGAATACCTGGAGGAACGGCGCATCAAAGACATTGTCAAAAAACATTCTCAGTTTATCGGTTATCCTATTAACGTGTACGTGCAGAAGGAGCGTACTAAAGAAGTAAGCGATGACGAG GAGGAAAAAGAAATGAAAGAGGAGGAAAAAGAAGATAAACCAAAAGTCGAGGACCTGGATGAAGACGAAGAGGAGGAGGAAGGTAAAGACAAGAAAAAGAAAAAGAAAGTCACCGAAAAGTACATTGAC GAAGAAGAACTGAACAAAACCAAGCCGCTTTGGACTCGTAACCCTGACGATATTACGCAAGAAGAATATGGCGAATTCTATAAACAGTTATCGAACGATTGGGAAGACCATCTGGCTGTCAAACACTTCTCTGTTGAA GGTCAATTAGAATTCCGCGCGTTGCTGTTTGTGCCAAAACGCGCACCGTTTCGATTTGTTTAAAAATCGCAAAAAGCGCAATAACATCAAGTTATATGTGCGCCGTGTGTTTATTATGGACAATTGCGAGGAACTGATTTC CGGAATATTTGAATTTTGTTAAAGGTGTGGTGGATAGCGAAGATCTGCCCTGAACATCAGTCGCGAAATGCTTCAGCAGAACAAAATTCTGAAAGTAATCCGTAAAAATCTCGTCAAAAAATGCCTGGAGCTGTTTG ACGAAATTATGGAAGACAAGAAAACTACAAAAATTTTATGAGCAGTTTAGCAAAAACATCAAACCTGGGCATTACGAGGATGGCGTGAATCGTAAAAAACTCGCCGATCTGCTTCGTTATTACTCGACGACCTGCA GTGATGAGATGACCAGCCTCAAGGAATATGTGTCTCGCATGAAGGAAAACAGAAAGATATTTATTATATCACCGGAGAAAACTAAAGAAGCGGTATCTAACTCTGCTTTTACTGAAGTTCTCCGTAAACGTGGTTTCG AAGTCCTGTACATGCTGGATCCCATCGACGAATATGCGGTTACACAACGCGTGAATACGACGGCAAAAAACTTGTTTGCCTCACAAAAGAAGGCCTGCAGCTTCCGGAAGATGATGAAGAAAAAAGAAATTTGAG GAGCTGAAAGCCGCATATGAACCGCTGTGTAACAGATTCAAGGATATTCTGGGGAAACGCGTTGAGAAGGTTGTCGTCTCGAGTCGCTTAACCACGTCCCGTGCTGTATCGTGACCTCTGAGTTTGGCTGGAGCGC AAATATGGAGCGCATTATGAAAGCTCAGGCACTGCGCGATAGCAGCACAAATGGGTTACATGGCAGCAAAAAACATCTCGAAATCAATCCACACCACAAAATTATTAGTCACTGAAGGCCCTGTTCCGAGAGCGGCG AAAGCAACAAGCTGGCAAAAGACCTTGATTTTTACTGCACAGCACTGCACTCCTGTCGTCGGGCTTTTCGCTGGAAGATCCAAAGGTCCATGCGGGCCGGATTACCAAACTGGTGAGCATGTGTCTGGACATTCCGG CGGAGGATGAGCCGAAGGTTGAAGCCGTTGATACCACGGCCGCTGCACCCGCCGAAGCGGGAGATGACGCAGGCATGGAGGAAGTTGACTGA
-----	------------	------	------	--

277	OON15178.1-1	3405	6671	ATGGCCGTTCTGGAATATCGCTGGAATCGTACGGGCTGTCCGCAAGAAGAGACTCCGAATTTTAAGGAATGTTTTGAAAACTGCCTAAAGATACGCTGTTAACATGTGCCGAGAAATTTGAATGGCCATATCGCGTTAATGAGAGTTGGCTGAAATTTCTAATTGTAGTTGGACACCTCTGGTTTCGCTCGAACACGAACTGTATTCGTTTCGTCGCCTGTCTTCGGCTTGCAATAGCCGTCGTCCAATCGTACAGCCGCGTTTCTACTGAGCGGAAGTGAAGTTGGCACATCCGTCAGACTGAGGAAGTTATGAGTCTGCAGCCGCAAGACCAAGAATGGATGTTTCCACTGATTAACCAAGGCCTACCAGGAAAAAGGCCGAATCGCTGGTACTACGCCCGCGTCGAAGAAATGTCATTGATCTGCGTCGTCTTGAGAACCGAGCCGAGGTACTGCAATTCACCGCCCGCTTAAAAAGGTGATTATGGTGAACACATTTTCTGCAAAATGACTTTCTTTGTGGAAAAACAAGACCATCCAGGTCAAGGATTGCGAAAAAAGCGCGATTGGACCCCAAAAGTCAGCGGCTTACTGTCTGAGGACGAAAAATCGCAACCATGGTTCATTGATGCTGGATTACTGACAGAGCTTTTCGGAGAAATTAATCCTTTAGAGACACCATTTACCTTATCTAAAGTTGAACATGCCGTAACGCGCCAGTGCCTGAGAATCAGGTCAATACCCTTTGCTGCAAGTTAACCGTGAACCTTAAAAAGCAGTCGTTGTCAATGGGCGATGACCTATTCGAATTTGTATCGCGATAAGGAATATATCGTCTGTGATGTGGTGGTTCGCAACTCACTAGCATGCCGCCGAAACCGCGTTGCCGTCGTATCCGATTGCTGGCATAAGTGTCAAACCTGCCTATGCAATCGGTCACTCGTTGGATCTCCTTACATCCGGAGCAGCTGGCGGAACCAAAATGGCGGGACCGTCTGAAGCAGGCGGTGCAGGTTTATAACAACAATTTATCGACCCCCAGACTACACCCATTATTACGCCAGCGATGTGCACATTACTGCGAGCAGCTCTGAAACGAAAGACACAACCATTATGTTTCAATTAATTCTGGAAATGCAAAACCCCGTAAAAAGAACATCGCTCGTGCCAGGTGGTAATTAAGAGTACATGGCAAACTATTGATTTACAGTCTACAATTGTGAAGAAGAAATATTCTTGACCGAAAAAAATTGTACCCAGGTTTTCGGCCGATGCGTAAACCGAAGAAACAGCGGAGGCTTTTGTCCGTCTCAAAAAATTGGCTGAAGCCAAAGCGAATCTGATTCTGACCGATACGTCGTTTTACCATAAACTTTCCACATTCAGGAAAGCCGTATCAAGACGATGGCACCACAACGGTGGCTTTTCGAGATGATCCTGCTGAAGACCGATTGTAACCGCGTCAACAAAACTAACCGCCGGGGGATTCCAATTGCGCTGTGCAGGATTTTGGCAGCCGCGGTGATCTGTGACGTACACGCGAAATCCCTGTATCGTTTACATGCAATTCACGTTGATGTTACCAACTGCCACTTTGTGCGCCTAAACCTCCGATTTGAATTTGCCGCCGACTTATCTTGATATCATGGTGGCAGAGACCACCTTTCTGTGATCCTGAAACAGGTAGAGGTGGAATTTAACCGTATGAACACCGACCTCGCTACTATGGCCTGATCATCGTCGAAGACGTGTCCAATCGTACGGCCAAGATGGATTTGTCCTGTTCGTGACGTTCAAGGTAACGTTACAGAGTACCAACTGGGAAAAAAGAAATGCAACATCTTCGCGAAAAGTGACGATACCCGACAAGAAATCAGAACCTTGAACCTGTACAGTGTGCGTTTCGTATGCTCGCCCTGGAGCAAACTATGAACTGAATATCTTCGGATGCAATGAAACGCGCTTGTCTAGCATTGAAACGACTTACAAGCGATGACCAAAAAATGAAGACGATGACCTGTGGAGCGTTGCCGAAGAGGTGACCGGTATCTCACGAATTAATCCTCTGAAAAATGTCACCTTCCACATCCATCAGATCCAGTTACTGGATCGCAAAAAATTAATTTGGAGATCGTGTGCTGTTTAACTGTACTGTGGTGGAAATGGGGCCCTAGTATCCCTCCTTACCTGACCTATAAACATAAACACTTTATTGTTGCCGCGTCACTATTGGATTGCACTTTCCAGCGTAAACGGCGTACCATTGATATTCGTGGCTGTTACTCCATGGAACGCCGCGAACAGAGCAATCACAACAAACCACTGTGCCACGTGGATTTTCGCAATACAACGTTGATCCGCTGTACCAGCTTTTAGCCGCTTATAGTGGCAAGATTGGCTCGCGCGAACCACTGAAAAATCGAGGGCATTTCGCGTATGGTCTGATTCCACTGCCCGGAGAGAAATTCGATTTTTACGCCAATTTACGCCCGAGTACATTCCTGAACAATGTAAGAATCTCGACCGGCGCAACTAGCTCTGAACAGTGCCGTTCAATTCAGGGGTTTCACTAGTGCCATTGCAAGCTGGCCTTCATCCTTGAAATCAGGCGTTTCATGAGCTGGAGGTAGTGCAATGCAACAGATACCGATCAGCCGGTAAAAAAAGCAGCGGCGACCCGGTGATTCCCTTCAACATTACGCTCGCACATGCGAATATGTTGTATCGGCATCAGCAGCCTTCGTGAGGATATGCTGCCGACGAATAAAGTCATTTATGGCGATCCGGAAGTGCGCTCAACCGAAATCCCTCTGATTGCTGGACAAGGTCTCAAGTGACGCTTGATATTCGCCAAATAAGTGTAATGACAGTTAACGTGACCGAGTGCGATTTTGGCGTTATAGCCACTATATGAATGCAAGTGATCGGTTACTATGTCGATTGGAATCGGGCGCCTTCTATCTATCTCATTCTTATACGTGCCAGAAAGTGTTAATCAATCAGATTATGTGATCAACAGATTCTCCTGACGGAATCTGGTCTGCCAAACAGTCGCAACGATTCTATCTCAGCGAACGTAAAAAATCGAAACTGAGTATCCAAGTTGAGTACGCGATCGCTACGATGGAAGATAATACAACCGAATACAAAAACGGTCGTTTGGTGACCTTTAATGTACCTGCAAGCGCAAACTTGCAATTAACACCTGCCATTGCGCAATGATACTAGTGTTCCGACTGGTTACCTAAGGGCTATGTGCGCTGTGCGGCCGTATGTTGCAAGGTCTGCAAGTCGATAGCCAGCCGAGATTAACTTTTCGACTGCCACCAGACCAGAGCGTGATGTGA
278	OON18991.1	1188	4454	ATGTTGGTGAGCCGCGCCTGGGATATCCGGTGCCTGGGATGGTCTGACCTGGAACATGCCATCGTGATATGATGTCATCCCTGCGTAACCGCTTCGGCCGCGTGCCTCAGGAGACCGTTTCATGTTTAGCTCAGCTGGTGCACGCGCCGATTGGAATGATGAAGTAAACCGCTGGGTGGAAGAACTCAAGACCGTTGGAATGCGGAAATGAAACGTCTGCGTGAAGAAATGTTTTCCCTTGTCCCGATGGATCTGTTGGCGTCTCTCCAGCGATTTTTTGAACCGTATGGCGATGTCCACAGCGTTTTAAATCGCATGGACCATCAGATGCGCGCGTGACCCAGCACATGGAACAGGAAGCGAATCAAGCAGCATCCACCGAAGGTGGTAAATCTGGACCTCTCGCCCCCGACCCAGCAGCAGCTCGCTTGACTTTCTGAAGGACGCTATCAATTGGGAGAAGACGCGCGTGTGCGTTTTGACCTGCAAGGTTACGGTCCAGATGACATTAAGTGAGCACGAGCGATAATGGCGTGACCGTACATGCCAAAAAGTCGTTTACAGACAGATCGTGCCCTGTCTCCCGCAATATAGTCGTAATCTATATTCCTAAATCAGTTGACAAAAACCAACTGGAATGCCACCTGACGGAAGACGGTGTCTGATGCTGGAAGCGCTGTAAAAACTGCAGATTATAAAAGCATTACGTTTGATCGTGATCGTCAGCTTAGCATTAAACACACAGCGAGACGGAAGTCGGTCAAAAAACGCAATCCGAAGATGAGCTGGCCATTAGCCGACCGCGACCACTTTCCGTCCGGATCGGTTGATCGATTGTGTAATCTACTGCTGCAAGTGCAGGCGTGCTGGGACCGACCGTTCTCAAGACGATAAAAGTGGGGCGAGAAGCTCCACGTGAGATTCCGGTTGACCCGAATTTACCGCGACGACCTGTGCGTGCGTATGGATGCCAATCGCGTGGTAGTCTCCGGCAAGAAGAAACCGTTGATAAAACGGGCAATTCCTGTCATTTTATCAAAAGATTACGCGCTTCTATGATGTCCGCGAGACCGTGATATTTTCAAGTGAACGCCCAACTCCAAGGTGGTAAGCTGCTTGTAAGAAGTCCGCTTCTGTCGAGCACCAGTCAATAA

Table S3. List of proteins detected by tandem mass spectrometry from *Opisthorchis viverrini*

Protein Details		Ov_ES		Ov_ELVs		Ov_MVs		Protein Present in all 3 samples	Protein Present in 2 samples	SELECTED FOR ARRAY
Protein accession	Annotation	Spectrum counting	#Peptides	Spectrum counting	#Peptides	Spectrum counting	#Peptides			
OON18644.1	hypothetical protein X801_05499, partial [Opisthorchis viverrini]	227.5360418	3	481.4313299	8	655.7946657	13	YES	-	YES
OON14597.1	Ras family protein, partial [Opisthorchis viverrini]	211.925461	2	260.2558438	4	655.3194123	5	YES	-	YES
OON16870.1	tetraspanin family protein [Opisthorchis viverrini]	350.664241	2	512.864399	8	604.4982916	12	YES	-	YES
OON17206.1	hypothetical protein X801_06958 [Opisthorchis viverrini]	152.7514686	2	282.1132682	4	446.170488	4	YES	-	YES
OON14338.1	glutathione S-transferase protein, partial [Opisthorchis viverrini]	1026.082532	6	126.3867442	3	415.5972457	4	YES	-	YES
OON22549.1	Tubulin/FtsZ family, GTPase domain protein [Opisthorchis viverrini]	240.44777	9	194.0051865	17	370.8300031	44	YES	-	YES
OON18327.1	glutathione S-transferase protein [Opisthorchis viverrini]	197.1255644	8	173.1798928	18	368.3026789	30	YES	-	YES
OON18086.1	RHO protein GDP dissociation inhibitor [Opisthorchis viverrini]	392.0621028	3	184.5020774	5	348.1994029	6	YES	-	YES
OON20336.1	Annexin, partial [Opisthorchis viverrini]	228.1544998	12	374.512532	46	338.5766869	70	YES	-	YES
OON21493.1	EF hand [Opisthorchis viverrini]	958.5828404	26	204.7812312	24	337.0344271	30	YES	-	YES
OON23371.1	Tubulin/FtsZ family, GTPase domain protein [Opisthorchis viverrini]	111.776017	8	133.5300917	13	327.7660374	32	YES	-	YES
OON14987.1	14-3-3 protein [Opisthorchis viverrini]	278.7012658	10	279.2337571	17	284.6649282	18	YES	-	YES
OON23425.1	Ezrin/radixin/moesin family protein [Opisthorchis viverrini]	177.3488469	8	131.5697677	18	272.1340809	28	YES	-	YES
OON15904.1	peptidyl-prolyl cis-trans isomerase, cyclophilin-type [Opisthorchis viverrini]	305.9589118	5	203.1456139	8	270.8610032	12	YES	-	YES
OON18575.1	oxidoreductase, short chain dehydrogenase/reductase family protein, partial [Opisthorchis viverrini]	60.9997614	3	247.4862914	17	266.992283	23	YES	-	YES
OON14610.1	calpain family cysteine protease, partial [Opisthorchis viverrini]	168.6036361	20	219.3939638	62	265.8230073	94	YES	-	YES
OON23370.1	Tubulin/FtsZ family, GTPase domain protein [Opisthorchis viverrini]	206.5093951	7	166.9799705	20	233.276456	42	YES	-	YES
OON18075.1	hypothetical protein X801_06077 [Opisthorchis viverrini]	133.153167	6	172.6239175	8	233.0131339	10	YES	-	YES
OON21481.1	hypothetical protein X801_02621 [Opisthorchis viverrini]	85.43726211	2	115.9328423	8	226.8783868	10	YES	-	YES
OON22233.1	14-3-3 protein [Opisthorchis viverrini]	188.576126	4	159.6040742	18	226.5703875	24	YES	-	YES
OON16065.1	hypothetical protein X801_08125, partial [Opisthorchis viverrini]	258.5024854	2	138.886532	3	222.1005523	3	YES	-	YES
OON14960.1	Annexin [Opisthorchis viverrini]	219.8701791	20	273.3811617	31	220.916214	40	YES	-	YES
OON16960.1	major Vault Protein repeat-containing domain protein, partial [Opisthorchis viverrini]	52.50831734	2	408.3589557	6	220.4442627	3	YES	-	YES
OON16101.1	antioxidant, AhpC/TSA family [Opisthorchis viverrini]	670.5339585	7	229.4237788	14	220.3564908	9	YES	-	YES
OON19129.1	ferritin-like protein [Opisthorchis viverrini]	1025.320167	18	898.1902562	37	210.4935666	20	YES	-	YES
OON21824.1	ABC transporter, ATP-binding protein [Opisthorchis viverrini]	81.17227801	3	163.046448	11	208.6365348	13	YES	-	YES
OON15995.1	core histone H2A/H2B/H3/H4, partial [Opisthorchis viverrini]	281.1425723	3	706.8512878	19	202.31085	9	YES	-	YES
OON14669.1	globin [Opisthorchis viverrini]	11853.05555	64	207.5361987	19	195.507626	27	YES	-	YES
OON20258.1	Actin [Opisthorchis viverrini]	149.8060922	10	152.8276052	18	194.4245058	24	YES	-	YES
OON18455.1	glutathione S-transferase protein, partial [Opisthorchis viverrini]	458.503627	18	132.7355472	16	192.2033623	21	YES	-	YES
OON23758.1	Tubulin/FtsZ family, GTPase domain protein [Opisthorchis viverrini]	96.76580713	4	122.1622405	3	188.5803248	6	YES	-	YES
OON21405.1	EF hand [Opisthorchis viverrini]	134.4212924	3	115.5720184	8	183.5194001	11	YES	-	YES
OON22909.1	putative thioredoxin [Opisthorchis viverrini]	645.4355706	4	81.92415777	3	182.4878131	6	YES	-	YES
OON21719.1	ATP:guanoide phosphotransferase, catalytic domain protein [Opisthorchis viverrini]	55.12039467	26	166.6597691	70	179.7730085	101	YES	-	YES
OON15731.1	SOUL heme-binding protein, partial [Opisthorchis viverrini]	58.27512676	2	104.2289329	9	177.3409321	18	YES	-	YES
OON21078.1	14-3-3 protein [Opisthorchis viverrini]	206.1282175	8	107.2965775	14	177.0266584	14	YES	-	YES
OON13881.1	EF hand [Opisthorchis viverrini]	167.2487145	4	139.4893382	4	175.2161633	6	YES	-	YES
OON21665.1	malate dehydrogenase, NAD-dependent [Opisthorchis viverrini]	131.3985914	10	153.6445343	21	173.6894985	32	YES	-	YES

OON17064.1	hypothetical protein X801_07105 [Opisthorchis viverrini]	102.7450786	13	209.9974879	30	169.6800033	38	YES	-	YES
OON16509.1	glutathione S-transferase protein [Opisthorchis viverrini]	582.3538908	11	199.3995878	15	168.5898701	10	YES	-	YES
OON16442.1	tetratricopeptide repeat protein [Opisthorchis viverrini]	52.23625352	2	113.3687447	9	167.6908693	16	YES	-	YES
OON18961.1	gelsolin repeat protein [Opisthorchis viverrini]	115.5138894	14	86.66211397	25	166.2139056	32	YES	-	YES
OON18674.1	Annexin, partial [Opisthorchis viverrini]	52.44977964	4	219.4397331	29	165.9129137	22	YES	-	YES
OON23664.1	PDZ/DHR/GLGF domain protein [Opisthorchis viverrini]	164.5570394	6	325.2472561	18	158.5494652	20	YES	-	YES
OON17828.1	hypothetical protein X801_06328 [Opisthorchis viverrini]	65.46491513	2	103.1937884	8	153.9517724	9	YES	-	YES
OON21494.1	EF hand [Opisthorchis viverrini]	524.5323615	10	227.6804322	17	153.6451426	27	YES	-	YES
OON16001.1	translation elongation factor EF-1, subunit alpha, partial [Opisthorchis viverrini]	44.98704565	4	131.2220973	20	150.4229966	25	YES	-	YES
OON16939.1	carbohydrate phosphorylase, partial [Opisthorchis viverrini]	40.16572482	2	140.4496972	5	140.3915208	6	YES	-	YES
OON14959.1	Annexin [Opisthorchis viverrini]	53.71107196	5	112.0346245	22	140.3591673	26	YES	-	YES
OON13836.1	C2 domain protein, partial [Opisthorchis viverrini]	22.06038715	2	168.6693018	20	138.2843893	23	YES	-	YES
OON16578.1	hypothetical protein X801_07608, partial [Opisthorchis viverrini]	456.1443255	5	72.41270297	8	136.1888217	9	YES	-	YES
OON15808.1	NAC domain protein [Opisthorchis viverrini]	56.638185	2	159.5411664	7	135.0335161	12	YES	-	YES
OON18118.1	inorganic diphosphatase, partial [Opisthorchis viverrini]	66.2470527	3	118.8487007	10	134.2321265	15	YES	-	YES
OON22784.1	L-lactate dehydrogenase [Opisthorchis viverrini]	118.9568959	3	65.89867453	7	131.6709245	11	YES	-	YES
OON23734.1	hypothetical protein X801_00351, partial [Opisthorchis viverrini]	58.83284856	4	103.4708832	7	128.9993946	10	YES	-	YES
OON19793.1	hypothetical protein X801_04336 [Opisthorchis viverrini]	100.8159693	2	49.6519352	3	120.7888085	7	YES	-	YES
OON21402.1	EF hand, partial [Opisthorchis viverrini]	759.0719615	7	95.56830161	5	120.2452026	9	YES	-	YES
OON23334.1	Hsp20/alpha crystallin family protein, partial [Opisthorchis viverrini]	57.70611037	3	74.5462939	4	115.72798	17	YES	-	YES
OON22593.1	Amidase [Opisthorchis viverrini]	31.43355052	3	118.8404755	16	114.6450028	30	YES	-	YES
OON14523.1	putative chaperone protein DnaK, partial [Opisthorchis viverrini]	102.7131937	11	115.2599818	27	113.4286306	38	YES	-	YES
OON23488.1	cyclic nucleotide-binding domain protein [Opisthorchis viverrini]	50.11320111	3	41.37378447	10	111.8918497	17	YES	-	YES
OON18625.1	glutathione S-transferase protein [Opisthorchis viverrini]	786.1694577	17	101.8227635	10	111.7966011	17	YES	-	YES
OON16141.1	hypothetical protein X801_08048 [Opisthorchis viverrini]	37.61789899	2	93.62518849	13	110.0264471	14	YES	-	YES
OON17901.1	EF hand [Opisthorchis viverrini]	61.10058745	2	58.97266448	7	109.7653969	6	YES	-	YES
OON20352.1	hypothetical protein X801_03768 [Opisthorchis viverrini]	135.5053351	2	72.80342405	3	108.2210994	6	YES	-	YES
OON19238.1	hypothetical protein X801_04898, partial [Opisthorchis viverrini]	100.2511739	6	62.66775408	8	108.0744528	8	YES	-	YES
Ov-M60-1	Mucinase	559.9456016	36	26.40226218	3	106.1388449	25	YES	-	YES
OON16772.1	lipocalin / cytosolic fatty-acid binding protein [Opisthorchis viverrini]	828.5573228	12	79.33367057	5	104.6805092	8	YES	-	YES
OON22805.1	glutathione S-transferase protein [Opisthorchis viverrini]	78.02230902	3	35.25714078	5	103.4445843	10	YES	-	YES
OON18352.1	translation initiation factor eIF-5A [Opisthorchis viverrini]	96.51843322	5	50.24809909	6	102.8827269	12	YES	-	YES
OON15232.1	V-type ATPase subunit family protein [Opisthorchis viverrini]	30.05842853	2	95.88439573	22	101.8812781	25	YES	-	YES
OON17216.1	hypothetical protein X801_06948, partial [Opisthorchis viverrini]	855.4937015	45	22.16871505	5	101.7773818	30	YES	-	YES
OON18662.1	fructose-bisphosphate aldolase class-I [Opisthorchis viverrini]	131.3403064	7	98.88290234	10	101.2931577	10	YES	-	YES
OON15615.1	Enolase domain protein, partial [Opisthorchis viverrini]	194.7312675	5	46.09040399	5	100.6459686	6	YES	-	YES
OON22441.1	hypothetical protein X801_01658 [Opisthorchis viverrini]	56.14254456	2	82.13349389	26	98.96483184	37	YES	-	YES
OON21068.1	hypothetical protein X801_03039, partial [Opisthorchis viverrini]	150.4088013	6	78.5300408	7	96.64114003	10	YES	-	YES
OON16674.1	carbohydrate phosphorylase [Opisthorchis viverrini]	62.23207981	4	102.3925021	10	95.730389	13	YES	-	YES
OON23674.1	hypothetical protein X801_00414, partial [Opisthorchis viverrini]	49.66303906	2	41.13572778	4	91.15770543	5	YES	-	YES
OON15341.1	DnaJ domain protein [Opisthorchis viverrini]	25.01636955	2	87.85463077	13	91.04948488	23	YES	-	YES
OON14937.1	Hsp90 protein [Opisthorchis viverrini]	33.08831813	6	95.29518121	25	89.69386668	32	YES	-	YES
OON20186.1	glyceraldehyde-3-phosphate dehydrogenase, type I [Opisthorchis viverrini]	57.33845929	4	98.45954831	20	89.10190888	20	YES	-	YES
OON18956.1	peptidase, T1 family, partial [Opisthorchis viverrini]	73.34495121	3	126.0937558	10	88.66595373	5	YES	-	YES
OON20389.1	phosphoenolpyruvate carboxykinase [Opisthorchis viverrini]	179.0600705	24	53.97834812	20	88.62055907	31	YES	-	YES

OON20812.1	putative fumarate hydratase, class II [Opisthorchis viverrini]	52.90547788	5	59.27107552	17	85.01233283	14	YES	-	YES
OON23283.1	hypothetical protein X801_00812, partial [Opisthorchis viverrini]	42.8236847	3	16.25698994	5	84.15664539	22	YES	-	YES
OON13365.1	hypothetical protein X801_10862, partial [Opisthorchis viverrini]	236.1158322	4	163.9892028	7	83.31245095	5	YES	-	YES
OON17590.1	SCP-like protein, partial [Opisthorchis viverrini]	208.5124292	5	116.2385156	7	83.09662762	8	YES	-	YES
OON19686.1	papain family cysteine protease [Opisthorchis viverrini]	198.7780303	8	179.3638643	3	82.17697175	2	YES	-	YES
OON20808.1	ca2+ insensitive EF hand [Opisthorchis viverrini]	72.52947431	2	51.95755155	3	79.07520483	4	YES	-	YES
OON15855.1	cytochrome [Opisthorchis viverrini]	476.0754106	5	37.61510243	2	78.01983178	7	YES	-	YES
OON17951.1	EF hand, partial [Opisthorchis viverrini]	1866.649684	14	68.20139739	6	75.67925257	5	YES	-	YES
OON21890.1	hypothetical protein X801_02212 [Opisthorchis viverrini]	65.36008945	5	62.73608068	12	74.13667894	19	YES	-	YES
OON13328.1	triose-phosphate isomerase [Opisthorchis viverrini]	363.3667526	12	27.80715308	4	73.24904812	8	YES	-	YES
OON18257.1	CAP protein, partial [Opisthorchis viverrini]	60.07260701	3	40.86637626	5	72.93233371	8	YES	-	YES
OON14978.1	f-actin capping protein, beta subunit, partial [Opisthorchis viverrini]	35.75034372	2	23.20931852	4	68.64568167	4	YES	-	YES
OON21579.1	BRO1-like domain protein [Opisthorchis viverrini]	23.35832732	9	56.11946042	47	68.2655309	44	YES	-	YES
OON13613.1	WD domain, G-beta repeat protein [Opisthorchis viverrini]	42.61544596	4	21.84012283	8	67.97853952	16	YES	-	YES
OON15438.1	hypothetical protein X801_08759 [Opisthorchis viverrini]	71.63925467	3	51.69889659	5	67.63319627	13	YES	-	YES
OON16238.1	hydroxyacylglutathione hydrolase, partial [Opisthorchis viverrini]	185.0032546	11	14.25414408	2	65.27524606	6	YES	-	YES
OON20807.1	spectrin repeat-containing domain protein [Opisthorchis viverrini]	28.72249837	3	82.68854645	12	64.77129174	24	YES	-	YES
OON14666.1	Lysosome-associated membrane glycoprotein [Opisthorchis viverrini]	57.60912531	2	181.4128237	11	64.2278536	7	YES	-	YES
OON20700.1	fructose-bisphosphate aldolase class-I [Opisthorchis viverrini]	195.7743844	13	30.93904451	6	63.59479626	9	YES	-	YES
OON22327.1	amino acid permease, partial [Opisthorchis viverrini]	23.28313379	2	92.5569152	13	62.31608619	16	YES	-	YES
OON23951.1	PDZ/DHR/GLGF domain protein [Opisthorchis viverrini]	184.7976336	5	78.29041658	5	61.54250025	5	YES	-	YES
OON23642.1	isocitrate dehydrogenase, NADP-dependent [Opisthorchis viverrini]	40.5990235	5	34.12937941	10	61.16320587	11	YES	-	YES
OON15212.1	oxidoreductase, aldo/keto reductase family protein [Opisthorchis viverrini]	131.4546124	6	25.76376879	4	60.82641735	6	YES	-	YES
OON23650.1	MFS transporter, SP family [Opisthorchis viverrini]	54.37754547	2	24.8332715	3	59.46204843	4	YES	-	YES
OON19694.1	fructose-1,6-bisphosphatase [Opisthorchis viverrini]	196.899274	8	97.90902466	9	59.0685287	8	YES	-	YES
OON16698.1	transaldolase, partial [Opisthorchis viverrini]	38.03071544	3	29.11687558	5	56.03165548	9	YES	-	YES
OON13701.1	EF hand [Opisthorchis viverrini]	164.4885023	10	42.97763404	15	55.82914582	28	YES	-	YES
OON18177.1	cyclin ccl1, partial [Opisthorchis viverrini]	68.50005907	3	75.54720777	7	55.11659799	5	YES	-	YES
OON19383.1	hypothetical protein X801_04750, partial [Opisthorchis viverrini]	57.60912531	2	68.3520147	4	54.37136898	3	YES	-	YES
OON17498.1	putative proteasome subunit alpha [Opisthorchis viverrini]	98.15987847	3	118.8116497	8	53.10534528	6	YES	-	YES
OON14832.1	cytosol aminopeptidase family, catalytic domain protein [Opisthorchis viverrini]	56.60471089	3	38.48402273	8	52.88044461	6	YES	-	YES
OON22794.1	Sec1 family protein, partial [Opisthorchis viverrini]	28.16088528	2	67.07676366	6	50.69043695	13	YES	-	YES
OON22744.1	fructose-bisphosphatase aldolase class-I, partial [Opisthorchis viverrini]	259.3396552	23	35.95750347	13	48.89254451	17	YES	-	YES
OON18703.1	Glu/Leu/Phe/Val dehydrogenase, dimerization domain protein [Opisthorchis viverrini]	94.06192139	12	26.56450799	8	48.76252939	14	YES	-	YES
OON23235.1	oxidoreductase, short chain dehydrogenase/reductase family protein, partial [Opisthorchis viverrini]	65.89279039	2	37.61510243	3	48.57212391	5	YES	-	YES
OON18828.1	protein disulfide-isomerase domain protein [Opisthorchis viverrini]	25.85024854	2	13.8886532	2	44.00347162	9	YES	-	YES
OON22442.1	hypothetical protein X801_01659, partial [Opisthorchis viverrini]	49.41959279	2	60.97439713	7	42.62123456	4	YES	-	YES
OON18991.1	Hsp20/alpha crystallin family protein [Opisthorchis viverrini]	37.64783671	3	29.84338705	4	39.80660061	7	YES	-	YES
OON18938.1	peptidase, T1 family, partial [Opisthorchis viverrini]	52.78323	2	122.523389	9	39.607957	7	YES	-	YES
OON18165.1	multicatalytic endopeptidase [Opisthorchis viverrini]	85.11152092	4	62.8600889	15	38.79218156	11	YES	-	YES
OON21514.1	1-pyrroline-5-carboxylate dehydrogenase, partial [Opisthorchis viverrini]	128.845837	17	34.4523632	6	38.422838	20	YES	-	YES
OON17605.1	elongation factor 1 gamma, hypothetical protein, partial [Opisthorchis viverrini]	50.64632027	3	22.27751583	7	38.30778083	6	YES	-	YES
OON20297.1	glyoxalase family protein [Opisthorchis viverrini]	76.20254671	3	27.63558546	2	37.94389461	3	YES	-	YES
OON18295.1	hypothetical protein X801_05853 [Opisthorchis viverrini]	135.1938286	3	81.71556734	2	36.77017373	3	YES	-	YES

OON22569.1	glycosyl hydrolase, family 31 [Opisthorchis viverrini]	62.02431743	8	144.5116025	35	35.98801198	22	YES	-	YES
OON13845.1	hypothetical protein X801_10373, partial [Opisthorchis viverrini]	101.2589773	3	62.85881322	10	35.38782035	10	YES	-	YES
OON15223.1	peptidase, T1 family [Opisthorchis viverrini]	63.40627	2	82.89516912	6	35.08020445	3	YES	-	YES
OON20109.1	trypsin [Opisthorchis viverrini]	55.0116228	14	52.75571772	23	32.21501969	11	YES	-	YES
OON16694.1	ATP synthase F1, beta subunit [Opisthorchis viverrini]	97.41940453	16	10.21644757	3	28.90341485	16	YES	-	YES
OON17094.1	Carbamoyl-phosphate synthase L chain, ATP binding domain protein, partial [Opisthorchis viverrini]	104.5360391	7	17.58628165	2	27.98108592	5	YES	-	YES
OON15204.1	eukaryotic aspartyl protease [Opisthorchis viverrini]	44.45148558	4	54.42504435	10	27.51304358	7	YES	-	YES
OON18608.1	elongation factor 2 [Opisthorchis viverrini]	18.14720442	3	37.67212729	14	27.47515337	23	YES	-	YES
OON21274.1	cytosol aminopeptidase family, catalytic domain protein [Opisthorchis viverrini]	126.6593591	7	54.56188293	12	26.94101608	4	YES	-	YES
OON15830.1	protein disulfide-isomerase domain protein, partial [Opisthorchis viverrini]	107.373017	5	11.25894222	3	26.24546237	9	YES	-	YES
OON18049.1	ATP synthase F1, alpha subunit [Opisthorchis viverrini]	84.47596606	7	12.79425253	4	25.56727964	12	YES	-	YES
OON20381.1	thioredoxin and glutathione reductase [Opisthorchis viverrini]	25.30174908	3	8.341747561	2	23.35412569	8	YES	-	YES
OON20566.1	serine proteinase inhibitor [Opisthorchis viverrini]	102.6797028	8	58.26112267	9	21.44983873	2	YES	-	YES
OON23252.1	hypothetical protein X801_00846 [Opisthorchis viverrini]	43.48514894	4	41.91397128	6	21.39802752	2	YES	-	YES
OON16820.1	hypothetical protein X801_07353 [Opisthorchis viverrini]	475.9393346	7	27.63558546	2	20.08794421	2	YES	-	YES
OON17957.1	leucine Rich repeat-containing domain protein, partial [Opisthorchis viverrini]	67.83683234	4	21.02707589	2	16.56527573	7	YES	-	YES
OON23446.1	papain family cysteine protease [Opisthorchis viverrini]	83.12270731	2	17.54485343	3	16.2312482	3	YES	-	YES
OON23047.1	von Willebrand factor type A domain protein [Opisthorchis viverrini]	18.47258306	4	8.15820955	5	15.72695214	14	YES	-	YES
OON16649.1	EF-1 guanine nucleotide exchange domain protein [Opisthorchis viverrini]	36.26473716	2	14.61306137	2	10.62204244	2	YES	-	YES
OON22462.1	aconitate hydratase, partial [Opisthorchis viverrini]	23.33702993	4	8.275322534	3	10.1165119	4	YES	-	YES
OON23076.1	urocanate hydratase [Opisthorchis viverrini]	39.03648643	6	17.18840272	12	9.007447709	8	YES	-	YES
OON22144.1	myosin tail [Opisthorchis viverrini]	36.55297186	12	6.152656159	3	5.570027652	5	YES	-	YES
OON17288.1	hypothetical protein X801_06875 [Opisthorchis viverrini]	51.8235935	7	182.7460376	35	95.29027811	37	YES	-	YES
OON20372.1	C2 domain protein, partial [Opisthorchis viverrini]	13.23150901	9	70.35518603	93	74.91748289	132	YES	-	YES
OON14711.1	galactoside-binding lectin [Opisthorchis viverrini]	30.20505592	13	36.06187524	45	39.51982097	59	YES	-	YES
OON21679.1	hypothetical protein X801_02421 [Opisthorchis viverrini]	24.39410794	4	45.54646098	11	37.31471778	17	YES	-	YES
OON23240.1	hypothetical protein X801_00854 [Opisthorchis viverrini]	110.7156736	42	22.34969662	18	26.4527688	27	YES	-	YES
OON15178.1	hypothetical protein X801_09024, partial [Opisthorchis viverrini]	86.78088478	25	27.77065952	22	17.05982056	16	YES	-	YES
OON14868.1	myosin head [Opisthorchis viverrini]	5.359700654	2	7.107697938	12	13.07165779	56	YES	-	YES
OON19170.1	hypothetical protein X801_04963 [Opisthorchis viverrini]	11.60707745	9	3.422204117	5	8.377110131	25	YES	-	YES
OON21331.1	spectrin repeat-containing domain protein [Opisthorchis viverrini]	5.613645468	3	5.747240064	19	8.021177008	19	YES	-	YES
OON22869.1	immunoglobulin domain protein, partial [Opisthorchis viverrini]	77.82400153	48	12.81683896	25	7.94437456	10	YES	-	YES
OON15278.1	myosin head, partial [Opisthorchis viverrini]	14.29507172	17	4.997476755	17	6.483612835	23	YES	-	YES
OON19653.1	spectrin repeat-containing domain protein [Opisthorchis viverrini]	5.157786439	3	5.461816176	23	3.695211123	23	YES	-	YES
OON23236.1	hypothetical protein X801_00850 [Opisthorchis viverrini]	17.25273284	6	9.734899585	11	3.344503211	5	YES	-	YES
OON15243.1	EGF-like domain protein, partial [Opisthorchis viverrini]	5.417300876	2	3.773348879	7	1.586742503	2	YES	-	YES
OON14450.1	tetraspanin family protein [Opisthorchis viverrini]	0	0	1075.321741	5	903.9923641	5	-	YES	YES
OON18060.1	Fer1 domain protein [Opisthorchis viverrini]	0	0	738.9033843	9	859.4772741	10	-	YES	YES
OON15200.1	putative Cys-rich domain protein [Opisthorchis viverrini]	0	0	588.4652478	8	739.6180409	19	-	YES	YES
OON14063.1	hypothetical protein X801_10150, partial [Opisthorchis viverrini]	0	0	398.350383	7	432.3898742	9	-	YES	YES
OON14177.1	tetraspanin family protein, partial [Opisthorchis viverrini]	0	0	789.5751955	6	308.7151789	6	-	YES	YES
OON18031.1	hypothetical protein X801_06120 [Opisthorchis viverrini]	0	0	249.7934957	3	296.2484199	4	-	YES	YES
OON15642.1	Ras family protein [Opisthorchis viverrini]	0	0	242.8627265	4	265.6501343	7	-	YES	YES
OON23940.1	Ras family protein, partial [Opisthorchis viverrini]	0	0	117.6677563	4	234.7199019	5	-	YES	YES

OON18564.1	C2 domain protein [Opisthorchis viverrini]	0	0	290.9322712	5	197.6890039	5	-	YES	YES
OON19685.1	papain family cysteine protease [Opisthorchis viverrini]	251.0027219	4	0	0	138.3535551	3	-	YES	YES
OON22456.1	thioredoxin [Opisthorchis viverrini]	1054.474722	6	0	0	104.1096339	2	-	YES	YES
OON13593.1	tetraspanin family protein, partial [Opisthorchis viverrini]	0	0	306.6014675	8	98.04032769	6	-	YES	YES
OON23885.1	GDA1/CD39 family protein [Opisthorchis viverrini]	0	0	76.01971321	20	97.39733013	22	-	YES	YES
OON21614.1	CDC50 family protein, LEM3 family, partial [Opisthorchis viverrini]	0	0	55.66889464	12	84.42397092	14	-	YES	YES
OON13638.1	malate dehydrogenase, NAD-dependent, partial [Opisthorchis viverrini]	310.7415293	6	0	0	73.44010756	7	-	YES	YES
OON15235.1	tetraspanin family protein, partial [Opisthorchis viverrini]	0	0	54.16574749	2	65.62061774	2	-	YES	YES
OON23395.1	EF hand, partial [Opisthorchis viverrini]	98.11773167	2	0	0	64.66265251	2	-	YES	YES
OON13373.1	p25-alpha, partial [Opisthorchis viverrini]	0	0	29.69613349	4	57.84975511	4	-	YES	YES
OON15515.1	CDC50 family protein, LEM3 family, partial [Opisthorchis viverrini]	0	0	63.84650494	7	57.84247204	11	-	YES	YES
OON16207.1	SCP-like protein [Opisthorchis viverrini]	3342.515562	40	0	0	55.01129631	4	-	YES	YES
OON17839.1	dynein light chain type 1 [Opisthorchis viverrini]	877.4723253	3	0	0	49.2154633	2	-	YES	YES
OON19532.1	Innexin [Opisthorchis viverrini]	0	0	298.271758	16	46.57614824	3	-	YES	YES
OON15490.1	Tubulin/FtsZ family, GTPase domain protein [Opisthorchis viverrini]	209.5819466	5	0	0	44.29006229	5	-	YES	YES
OON20739.1	death domain protein, partial [Opisthorchis viverrini]	0	0	20.36932112	7	43.36420903	15	-	YES	YES
OON14078.1	tetraspanin family protein, partial [Opisthorchis viverrini]	0	0	156.0330175	3	42.53188187	2	-	YES	YES
OON18761.1	eukaryotic porin [Opisthorchis viverrini]	207.0366858	4	0	0	38.9383043	4	-	YES	YES
OON20301.1	leucine Rich repeat-containing domain protein, partial [Opisthorchis viverrini]	0	0	23.34730495	2	35.93510019	7	-	YES	YES
OON17055.1	cupin domain protein [Opisthorchis viverrini]	394.7291919	4	0	0	34.37270453	3	-	YES	YES
OON21383.1	ferritin-like protein [Opisthorchis viverrini]	0	0	94.29261758	7	28.12312189	2	-	YES	YES
OON15364.1	hypothetical protein X801_08836, partial [Opisthorchis viverrini]	0	0	62.20959247	4	25.23869913	2	-	YES	YES
OON22988.1	cellulase [Opisthorchis viverrini]	0	0	57.72729202	8	24.22668283	5	-	YES	YES
OON16932.1	putative chaperone protein Dnak [Opisthorchis viverrini]	0	0	20.44299045	4	23.40446722	2	-	YES	YES
OON15053.1	HAD hydrolase family [Opisthorchis viverrini]	0	0	67.94206124	14	22.31101003	6	-	YES	YES
OON18176.1	ABC transporter, ATP-binding protein [Opisthorchis viverrini]	0	0	45.82325513	8	21.73682963	4	-	YES	YES
OON18690.1	WD domain, G-beta repeat protein, partial [Opisthorchis viverrini]	0	0	15.66307104	3	21.73553584	3	-	YES	YES
OON16463.1	T-complex protein 1, beta subunit [Opisthorchis viverrini]	0	0	27.97385252	13	21.58710004	10	-	YES	YES
OON15699.1	ABC transporter, ATP-binding protein, partial [Opisthorchis viverrini]	0	0	20.0624242	14	21.57505082	22	-	YES	YES
OON23296.1	peptidase family M1 [Opisthorchis viverrini]	0	0	12.23623814	2	16.80045936	3	-	YES	YES
OON22652.1	transmembrane amino acid transporter protein [Opisthorchis viverrini]	0	0	38.72439499	3	16.71302597	3	-	YES	YES
OON23984.1	papain family cysteine protease [Opisthorchis viverrini]	167.0055517	9	0	0	9.745636297	2	-	YES	YES
OON16927.1	papain family cysteine protease, partial [Opisthorchis viverrini]	39.66633982	4	14.06570402	3	0	0	-	YES	YES
OON17649.1	calreticulin family protein, partial [Opisthorchis viverrini]	0	0	0	0	39.29378308	3	-	-	YES
OON17760.1	mo25-like protein [Opisthorchis viverrini]	0	0	0	0	38.75580108	5	-	-	YES
OON14833.1	hypothetical protein X801_09373 [Opisthorchis viverrini]	0	0	0	0	32.31318298	3	-	-	YES
OON13688.1	Skp1 family, tetramerization domain protein [Opisthorchis viverrini]	0	0	0	0	24.60773165	2	-	-	YES
OON20055.1	hypothetical protein X801_04069, partial [Opisthorchis viverrini]	0	0	0	0	23.26208774	6	-	-	YES
OON21547.1	hypothetical protein X801_02556 [Opisthorchis viverrini]	0	0	0	0	22.22633827	2	-	-	YES
OON15476.1	putative dihydrolipoyllysine-residue succinyltransferase [Opisthorchis viverrini]	0	0	0	0	22.06971449	2	-	-	YES
OON15673.1	p21-Rho-binding domain protein [Opisthorchis viverrini]	0	0	0	0	22.03677461	2	-	-	YES
OON13468.1	guanylate kinase [Opisthorchis viverrini]	0	0	0	0	21.97118897	2	-	-	YES
OON21145.1	PPIC-type PPIASE domain protein [Opisthorchis viverrini]	0	0	0	0	21.7127044	2	-	-	YES
OON13535.1	dTMP kinase, partial [Opisthorchis viverrini]	0	0	0	0	21.49146869	2	-	-	YES
OON21817.1	hypothetical protein X801_02282 [Opisthorchis viverrini]	0	0	0	0	18.97669623	7	-	-	YES

Table S4. Optimal conditions for immunochromatographic test detection.

Rec.Ov/type of antibody detection	Protein	Serum dilution	Antigen concentration (mg/mL)	Running buffer	Cutoff positive
P1 base IgG ICT	OON19686 (cysteine protease)	1:30	2	0.025M Tris base	≥ 1
P1 base IgG4 ICT	OON19686 (cysteine protease)	1:05	2	0.1M Phosphate buffered saline	> 0.5
P5 base IgG ICT	OvM60.2 (mucinase)	1:20	2	0.025M Tris base	≥ 0.5
P5 base IgG4 ICT	OvM60.2 (mucinase)	1:15	2	0.025M Tris base	> 0.5
P6 base IgG ICT	OON17288 (hypothetical)	1:30	2	0.025M Tris base	≥ 0.5
P6 base IgG4 ICT	OON17288 (hypothetical)	1:05	2	0.025M Tris base	≥ 1
P8 base IgG ICT	OON14063 (hypothetical)	1:15	2	0.025M Tris base	≥ 0.5
P8 base IgG4 ICT	OON14063 (hypothetical)	1:05	2	0.025M Tris base	> 0.5
P9 base IgG ICT	OON23642 (isocitrate dehydrogenase)	1:30	2	0.025M Tris base	≥ 0.5
P9 base IgG4 ICT	OON23642 (isocitrate dehydrogenase)	1:10	2	0.025M Tris base	≥ 0.5