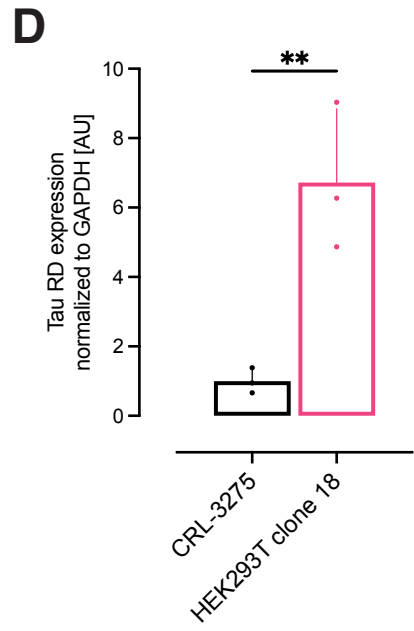
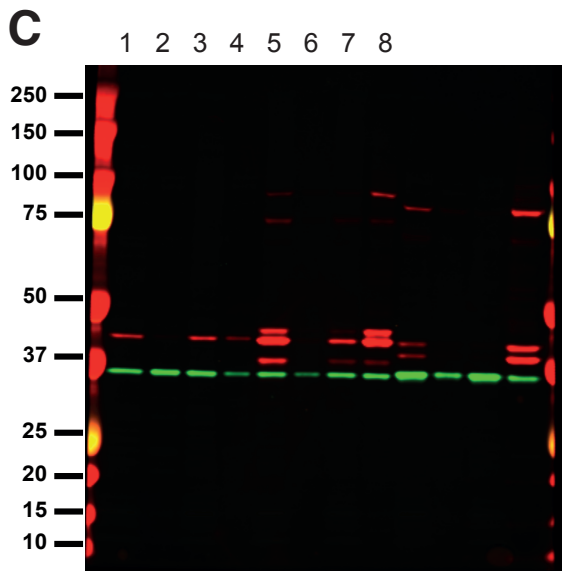
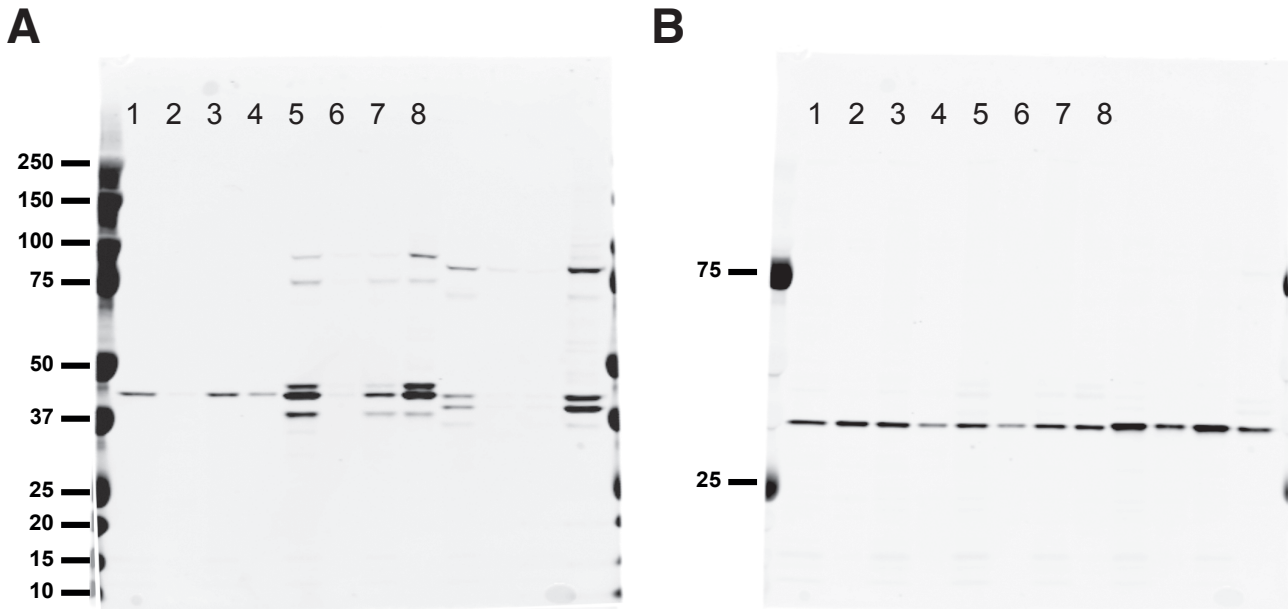
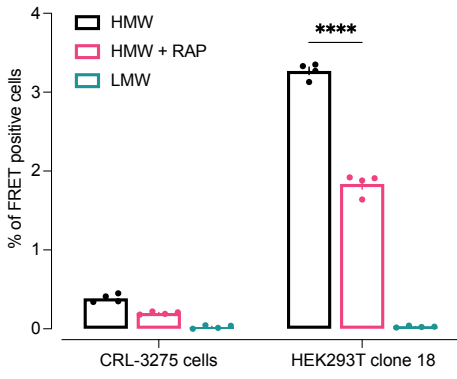


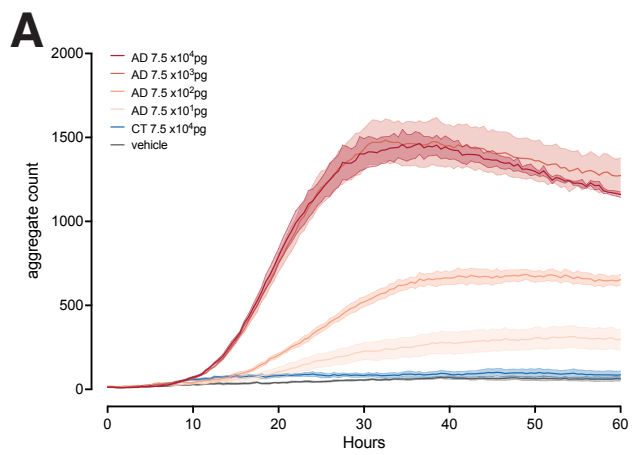
		AUC [%FRET-positive x pg]	CI 95%
Figure 1B	<i>Fusion</i>	2093	1360 to 2826
	<i>(EAAAK)₃</i>	3499	2549 to 4449
	<i>(GGGGS)₃</i>	49,31	0.000 to 102.5
	<i>GGSGGSGG</i>	301,1	165.8 to 436.3
	<i>CRL-3275 construct</i>	879,7	762.8 to 996.6
Figure 1C	<i>Fusion</i>	94556	61809 to 127302
	<i>Fusion 3xKQ</i>	338821	298021 to 379622
	<i>(EAAAK)₃</i>	116326	80231 to 152421
	<i>(EAAAK)₃ 3xKQ</i>	468385	387640 to 549131
Figure 1E	<i>HEK293T (EAAAK)₃ 3xKQ</i>	534984	473314 to 596653
	<i>HEK293T Fusion 3xKQ</i>	208033	170660 to 245407
	<i>CRL-3275 cells</i>	223364	181930 to 264798



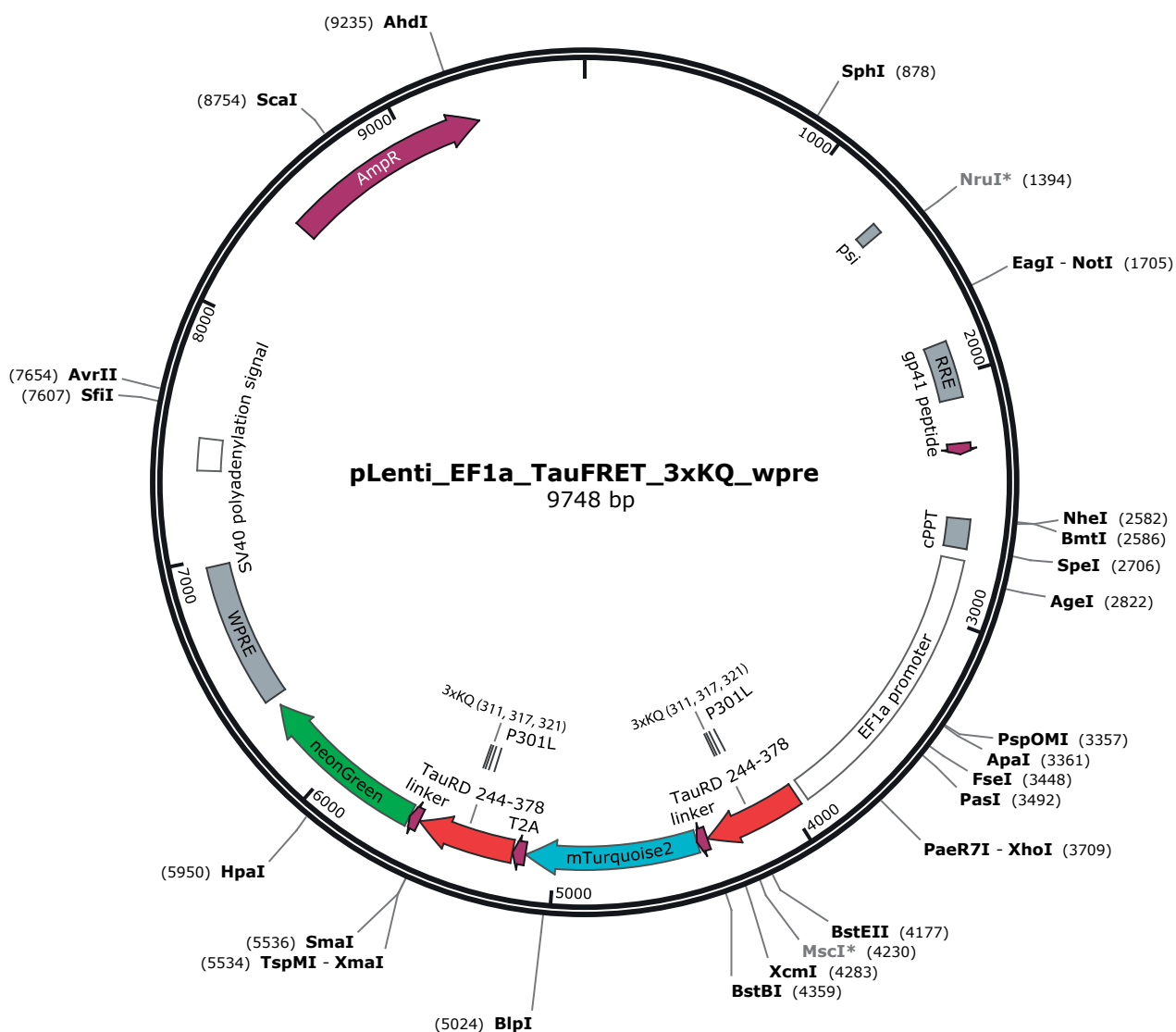
Supplementary Figure 1

A





Case	Age at Death	Sex	Neuropathological Diagnosis	Braak stage	Thal stage	ADNC A	ADNC B	ADNC C
<i>AD1</i>	61	Female	Alzheimer's Disease Neuropathological Changes (ADNC)	VI	5	3	3	3
<i>AD2</i>	77	Female	Alzheimer's Disease Neuropathological Changes (ADNC)	VI	5	3	3	3
<i>AD3</i>	77	Male	Alzheimer's Disease Neuropathological Changes (ADNC)	VI	5	3	3	3
<i>AD4</i>	91	Male	Alzheimer's Disease Neuropathological Changes (ADNC)	V	5	3	3	2
<i>AD5</i>	93	Male	Alzheimer's Disease Neuropathological Changes (ADNC)	IV	4	3	2	1
<i>AD6</i>	77	Female	Alzheimer's Disease Neuropathological Changes (ADNC)	IV	4	3	2	1
<i>AD7</i>	96	Female	Alzheimer's Disease Neuropathological Changes (ADNC)	IV	4	3	2	2
<i>AD8</i>	89	Male	Alzheimer's Disease Neuropathological Changes (ADNC)	IV	4	3	2	3
<i>PSP1</i>	72	Male	Progressive supranuclear palsy	NA	NA	NA	NA	NA
<i>PSP2</i>	77	Female	Progressive supranuclear palsy	NA	NA	NA	NA	NA
<i>PSP3</i>	71	Female	Progressive supranuclear palsy	NA	NA	NA	NA	NA
<i>CBD1</i>	70	Female	Cortico basal degeneration	NA	NA	NA	NA	NA
<i>CBD2</i>	64	Male	Cortico basal degeneration	NA	NA	NA	NA	NA
<i>CBD3</i>	63	Female	Cortico basal degeneration	NA	NA	NA	NA	NA
<i>PiD1</i>	77	Male	Pick's disease	NA	NA	NA	NA	NA
<i>PiD2</i>	72	Male	Pick's disease	NA	NA	NA	NA	NA
<i>PiD3</i>	71	Female	Pick's disease	NA	4	3	NA	2
<i>CT1</i>	73	Male	Control	0	2	1	0	1
<i>CT2</i>	63	Male	Control	0	2	1	0	0
<i>CT3</i>	56	Female	Control	0	1	1	0	0
<i>Low seeder</i>	73	Male	Alzheimer's Disease Neuropathological Changes (ADNC)	VI	4	3	3	3
<i>Moderate seeder</i>	82	Male	Alzheimer's Disease Neuropathological Changes (ADNC)	VI	5	3	3	2
<i>High seeder</i>	58	Female	Alzheimer's Disease Neuropathological Changes (ADNC)	VI	5	3	3	3



LOCUS pLenti_EF1A_TauFRET_3xKQ_wpre 9748 bp DNA
 circular SYN 03-Sep-2020
 DEFINITION .
 FEATURES Location/Qualifiers
 regulatory 1306..1350
 /regulatory_class="Other"
 /label="psi"
 /note="Retroviral Psi packaging element"
 regulatory 1860..2093
 /regulatory_class="Other"
 /label="RRE"
 /note="Rev Response Element"
 CDS 2278..2322
 /codon_start=1
 /label="gp41 peptide"
 /note="recognized by the 2H10 single-chain
 llama nanobody"
 /product="antigenic peptide corresponding to
 amino acids 655 to 669 of the HIV envelope protein gp41 (<a
 href=""https://www.ncbi.nlm.nih.gov/pubmed/
 23505368"">Lutje
 Hulsik et al., 2013)"
 /transl_table=1
 /translation="KNEQELLELDKWASL"
 misc_structure 2587..2706
 /label="cPPT"
 /note="Central Polypurine tract"
 regulatory 2754..3922
 /note="EF1a promoter"
 CDS 3953..4360
 /note="TauRD 244-378"
 modified_base 4127..4129
 /note="P301L"
 modified_base 4157..4159
 /note="K311Q"
 modified_base 4175..4177
 /note="K317Q"
 modified_base 4187..4189
 /note="K321Q"
 CDS 4361..4405
 /note="linker"
 CDS 4406..5119
 /note="mTurquoise2"
 CDS 5120..5173
 /note="T2A"
 CDS 5174..5578
 /note="TauRD 244-378"
 modified_base 5345..5347
 /note="P301L"
 modified_base 5375..5377
 /note="K311Q"
 modified_base 5393..5395
 /note="K317Q"

```

modified_base 5405..5407
                /note="K321Q"
CDS           5579..5623
                /note="linker"
CDS           5624..6331
                /note="neonGreen"
regulatory    6374..6966
                /regulatory_class="Other"
                /label="WPRE"
                /note="Woodchuck Hepatitis Virus
Posttranscriptional
regulatory    Regulatory Element"
                7359..7489
                /regulatory_class="polyA_signal_sequence"
                /label="SV40 pA"
                /note="SV40 polyadenylation signal"
CDS           8448..9308
                /codon_start=1
                /db_xref="GI:455370"
                /gene="bla"
                /label="AmpR"
                /note="E-286"
                /product="beta-lactamase"
                /protein_id="AAB59737.1"
                /transl_table=11
                /

```

```

translation="MSIQHFRVALIPFFAAFLPVAHPETLVKVKDAEDQLGARVGYI
ELDLSNGKILESFRPEERFPMSTFKVLLCGAVLSRVDAGQEQLGRRIHYSQNDLVEYS
PVTEKHLTDGMTVRELCSAAITMSDNTAANLLLTIGGPKELTAFLHNMGDHVTRLDRW
EPELNEAIPNDERDTTTPAAMATTLRKLLTGELLTLASRQQLIDWMEADKVAGPLLRSA
LPAGWFIADKSGAGERGSRGIIAALGPDGKPSRIVVIYTTGSQATMDERNRQIAEIGAS
LIKHW"

```

```

BASE COUNT 2496 A 2408 C 2580 G 2264 T 0 OTHER
ORIGIN

```

```

    1 GTTGGACTCA AGACGATAGT TACCGGATAA GCGCAGCGG TCGGGCTGAA
CGGGGGGTTT
    61 GTGCACACAG CCCAGCTTGG AGCGAACGAC CTACACCGAA CTGAGATACC
TACAGCGTGA
   121 GCTATGAGAA AGCGCCACGC TTCCCGAAGA GAGAAAGGCG GACAGGTATC
CGGTAAGCGG
   181 CAGGGTCGGA ACAGGAGAGC GCACGAGGGA GCTTCCAGGG GGAAACGCCT
GGTATCTTTA
   241 TAGTCCTGTC GGGTTTCGCC ACCTCTGACT TGAGCGTCGA TTTTGTGAT
GCTCGTCAGG
   301 GGGGCGGAGC CTATGGAAAA ACGCCAGCAA CGCGGCCTTT TTACGGTTCC
TGGCCTTTTG
   361 CTGGCCTTTT GCTCACATGT TCTTTCCTGC GTTATCCCCT GATTCTGTGG
ATAACCGTAT
   421 TACCGCCTTT GAGTGAGCTG ATACCGCTCG CCGCAGCCGA ACGACCGAGC
GCAGCGAGTC

```


481 AGTGAGCGAG GAAGCGGAAG AGCGCCCAAT ACGCAAACCG CCTCTCCCCG
CGCGTTGGCC
541 GATTCATTAA TGCAGCTGGC ACGACAGGTT TCCCGACTGG AAAGCGGGCA
GTGAGCGCAA
601 CGCAATTAAT GTGAGTTAGC TCACTCATT A GGCACCCCAG GCTTTACACT
TTATGCTTCC
661 GGCTCGTATG TTGTGTGGAA TTGTGAGCGG ATAACAATTT CACACAGGAA
ACAGCTATGA
721 CCATGATTAC GCCAAGCGCG CAATTAACCC TCACTAAAGG GAACAAAAGC
TGGAGCTGCA
781 AGCTTAATGT AGTCTTATGC AATACTCTTG TAGTCTTGCA ACATGGTAAC
GATGAGTTAG
841 CAACATGCCT TACAAGGAGA GAAAAAGCAC CGTGCATGCC GATTGGTGGA
AGTAAGGTGG
901 TACGATCGTG CTTATTAGG AAGGCAACAG ACGGGTCTGA CATGGATTGG
ACGAACCACT
961 GAATTGCCGC ATTGCAGAGA TATTGTATTT AAGTGCCTAG CTCGATACAT
AAACGGGTCT
1021 CTCTGGTTAG ACCAGATCTG AGCCTGGGAG CTCTCTGGCT AACTAGGGAA
CCCCTGCTT
1081 AAGCCTCAAT AAAGCTTGCC TTGAGTGCTT CAAGTAGTGT GTGCCCGTCT
GTTGTGTGAC
1141 TCTGGTAACT AGAGATCCCT CAGACCCTTT TAGTCAGTGT GGAAAATCTC
TAGCAGTGGC
1201 GCCCGAACAG GGA CTTGAAA GCGAAAGGGA AACCAGAGGA GCTCTCTCGA
CGCAGGACTC
1261 GGCTTGCTGA AGCGCGCACG GCAAGAGGCG AGGGGCGGCG ACTGGTGAGT
ACGCCAAAAA
1321 TTTTACTAG CGGAGGCTAG AAGGAGAGAG ATGGGTGCGA GAGCGTCAGT
ATTAAGCGGG
1381 GGAGAATTAG ATCGCGATGG GAAAAAATTC GGTAAAGGCC AGGGGGAAAG
AAAAAATATA
1441 AATTA AAAACA TATAGTATGG GCAAGCAGGG AGCTAGAACG ATTCGCAGTT
AATCCTGGCC
1501 TGTTAGAAAC ATCAGAAGGC TGTAGACAAA TACTGGGACA GCTACAACCA
TCCCTTCAGA
1561 CAGGATCAGA AGAACTTAGA TCATTATATA ATACAGTAGC AACCTCTAT
TGTGTGCATC
1621 AAAGGATAGA GATAAAAGAC ACCAAGGAAG CTTTAGACAA GATAGAGGAA
GAGCAAAACA
1681 AAAGTAAGAC CACCGCACAG CAAGCGGCCG CTGATCTTCA GACCTGGAGG
AGGAGATATG
1741 AGGGACAATT GGAGAAGTGA ATTATATAAA TATAAAGTAG TAAAAATTGA
ACCATTAGGA
1801 GTAGCACCCA CCAAGGCAAA GAGAAGAGTG GTGCAGAGAG AAAAAAGAGC
AGTGGGAATA
1861 GGAGCTTTGT TCCTTGGGTT CTTGGGAGCA GCAGGAAGCA CTATGGGCGC
AGCGTCAATG
1921 ACGCTGACGG TACAGGCCAG ACAATTATTG TCTGGTATAG TGCAGCAGCA
GAACAATTTG
1981 CTGAGGGCTA TTGAGGCGCA ACAGCATCTG TTGCAACTCA CAGTCTGGGG
CATCAAGCAG
2041 CTCCAGGCAA GAATCCTGGC TGTGGAAAGA TACCTAAAGG ATCAACAGCT
CCTGGGGATT

2101 TGGGGTTGCT CTGGAAACT CATTTCACC ACTGCTGTGC CTTGGAATGC
TAGTTGGAGT
2161 AATAAATCTC TGGAACAGAT TTGGAATCAC ACGACCTGGA TGGAGTGGGA
CAGAGAAATT
2221 AACAAATTACA CAAGCTTAAT ACACTCCTTA ATTGAAGAAT CGCAAAACCA
GCAAGAAAAG
2281 AATGAACAAG AATTATTGGA ATTAGATAAA TGGGCAAGTT TGTGGAATTG
GTTTAACATA
2341 ACAAATTGGC TGTGGTATAT AAAATTATTC ATAATGATAG TAGGAGGCTT
GGTAGGTTTA
2401 AGAATAGTTT TTGCTGTACT TTCTATAGTG AATAGAGTTA GGCAGGGATA
TTCACCATTA
2461 TCGTTTCAGA CCCACCTCCC AACCCCGAGG GGACCCGACA GGCCCGAAGG
AATAGAAGAA
2521 GAAGGTGGAG AGAGAGACAG AGACAGATCC ATTCGATTAG TGAACGGATC
TCGACGGTAT
2581 CGCTAGCTTT TAAAAGAAAA GGGGGGATTG GGGGGTACAG TGCAGGGGAA
AGAATAGTAG
2641 ACATAATAGC AACAGACATA CAACTAAAG AATTACAAAA ACAAATTACA
AAAATTCAAA
2701 ATTTTACTAG TGATTATCGG ATCAACTTTG TATAGAAAAG TTGGGCTCCG
GTGCCCGTCA
2761 GTGGGCAGAG CGCACATCGC CCACAGTCCC CGAGAAGTTG GGGGGAGGGG
TCGGCAATTG
2821 AACCGGTGCC TAGAGAAGGT GGC GCGGGGT AACTGGGAA AGTGATGTCG
TGTA CTGGCT
2881 CCGCCTTTTT CCCGAGGGTG GGGGAGAACC GTATATAAGT GCAGTAGTCG
CCGTGAACGT
2941 TCTTTTTCGC AACGGGTTTG CCGCCAGAAC ACAGGTAAGT GCCGTGTGTG
GTTCCCGCGG
3001 GCCTGGCCTC TTTACGGGTT ATGGCCCTTG CGTGCCTTGA ATTACTTCCA
CCTGGCTGCA
3061 GTACGTGATT CTTGATCCCG AGCTTCGGGT TGAAGTGGG TGGGAGAGTT
CGAGGCCTTG
3121 CGCTTAAGGA GCCCCTTCGC CTCGTGCTTG AGTTGAGGCC TGGCCTGGGC
GCTGGGGCCG
3181 CCGCGTGCGA ATCTGGTGGC ACCTTCGCGC CTGTCTCGCT GCTTTCGATA
AGTCTCTAGC
3241 CATTTAAAAT TTTTGATGAC CTGCTGCGAC GCTTTTTTTC TGGCAAGATA
GTCTTGTA
3301 TGCGGGCCAA GATCTGCACA CTGGTATTTT GGTTTTTGGG GCCGCGGGCG
GCGACGGGGC
3361 CCGTGCGTCC CAGCGCACAT GTTCGGCGAG GCGGGGCCTG CGAGCGCGGC
CACCGAGAAT
3421 CGGACGGGGG TAGTCTCAAG CTGGCCGGCC TGCTCTGGTG CCTGGTCTCG
CGCCGCCGTG
3481 TATCGCCCCG CCCTGGGCGG CAAGGCTGGC CCGGTCGGCA CCAGTTGCGT
GAGCGGAAAG
3541 ATGGCCGCTT CCCGGCCCTG CTGCAGGGAG CTCAAAATGG AGGACGCGGC
GCTCGGGAGA
3601 GCGGGCGGGT GAGTCACCCA CACAAAGGAA AAGGGCCTTT CCGTCCTCAG
CCGTGCTTC
3661 ATGTGACTCC ACGGAGTACC GGGCGCCGTC CAGGCACCTC GATTAGTTCT
CGAGCTTTTG

3721 GAGTACGTCG TCTTTAGGTT GGGGGGAGGG GTTTTATGCG ATGGAGTTTC
CCCACACTGA
3781 GTGGGTGGAG ACTGAAGTTA GGCCAGCTTG GCACTTGATG TAATTCTCCT
TGGAATTTGC
3841 CCTTTTTGAG TTTGGATCTT GGTTCAATTCT CAAGCCTCAG ACAGTGGTTC
AAAGTTTTTT
3901 TCTTCCATTT CAGGTGTCGT GACAAGTTTG TACAAAAAAG CAGGCTGCCA
CCATGCAGAC
3961 AGCCCCGTGT CCCATGCCAG ACCTGAAGAA TGTCAAATCC AAGATCGGCT
CCACTGAGAA
4021 CCTGAAGCAC CAGCCGGGAG GCGGGAAGGT GCAGATAATT AATAAGAAGC
TGGATCTTAG
4081 CAACGTCCAG TCCAAATGCG GATCAAAGGA TAATATCAA CACGTCTTGG
GAGGCGGCAG
4141 TGTGCAAATA GTCTACCAAC CAGTTGACCT GAGCCAGGTG ACCTCCCAGT
GTGGCTCATT
4201 AGGCAACATC CATCATAAAC CAGGAGGTGG CCAGGTGGAA GTAAAATCTG
AGAAGCTTGA
4261 CTTCAAGGAC AGAGTCCAGT CGAAGATTGG GTCCCTGGAC AATATCACCC
ACGTCCCTGG
4321 CGGAGGAAAT AAAAAGATTG AAACCCACAA GCTGACCTTC GAAGCAGCCG
CTAAAGAGGC
4381 CGCTGCGAAG GAAGCCGCAG CAAAAGTGAG CAAGGGAGAA GAGCTGTTCA
CCGGGGTGGT
4441 GCCCATCCTG GTCGAGCTGG ACGGCGACGT AAACGGCCAC AAGTTCAGCG
TGTCCGGCGA
4501 GGGCGAGGGC GATGCCACCT ACGGCAAGCT GACCCTGAAG TTCATCTGCA
CCACCGGCAA
4561 GCTGCCCCTG CCCTGGCCCA CACTCGTGAC CACCCTGTCC TGGGGCGTGC
AGTGCTTCGC
4621 CCGTACCCC GACCACATGA AGCAGCACGA CTTCTTCAAG TCCGCCATGC
CCGAAGGCTA
4681 CGTCCAGGAG CGCACCATCT TCTTCAAGGA CGACGGCAAC TACAAGACCC
GCGCCGAGGT
4741 GAAGTTCGAG GGCACACCC TGGTGAACCG CATCGAGCTG AAGGGCATCG
ACTTCAAGGA
4801 GGACGGCAAC ATCCTGGGGC ACAAGCTGGA GTACAACACTAC TTTAGCGACA
ACGTCTATAT
4861 CACCGCCGAC AAGCAGAAGA ACGGCATCAA GGCCAACTTC AAGATCCGCC
ACAACATCGA
4921 GGACGGCGGC GTGCAGCTCG CCGACCACTA CCAGCAGAAC ACCCCCATCG
GCGACGGCCC
4981 CGTGCTGCTG CCCGACAACC ACTACCTGAG CACCCAGTCC AAGCTGAGCA
AAGACCCCAA
5041 CGAGAAGCGC GATCACATGG TCCTGCTGGA GTTCGTGACC GCCGCCGGGA
TCACTCTCGG
5101 AATGGATGAA CTCTACAAAG AGGGCAGAGG AAGTCTGCTA ACATGCGGTG
ACGTGCGAGGA
5161 GAATCCTGGA CCTCAAACCG CGCCCGTCCC GATGCCCGAT CTGAAAAACG
TGAAAAGCAA
5221 GATTGGGAGC ACCGAGAATC TGAAACATCA ACCCGGCGGG GGCAAAGTCC
AGATCATCAA
5281 CAAGAACTC GACCTGTCCA ATGTGCAAAG CAAGTGTGGG AGCAAAGACA
ACATCAAGCA

5341 TGTGCTGGGC GGGGGGAGCG TCCAGATCGT GTATCAGCCC GTGGATCTCT
CCCAGGTCAC
5401 GAGCCAATGC GGCAGCCTGG GCAATATCCA CCATAAGCCC GGCGGCGGGC
AAGTCGAGGT
5461 GAAGAGCGAA AACTGGATT TTAAGGACCG CGTGCAAAGC AAAATCGGCA
GCCTCGACAA
5521 CATTACGCAT GTGCCCGGGG GCGGCAACAA GAAGATCGAG ACCCATAAAC
TCACCTTTGA
5581 GGCCGCCGCA AAGGAAGCTG CAGCCAAAGA GGCCGCCGCC AAGGTCTCCA
AAGGCGAGGA
5641 AGATAACATG GCATCTCTAC CAGCAACACA TGAGTTACAC ATATTTGGGT
CCATCAATGG
5701 AGTCGATTTT GACATGGTGG GGCAGGGAAC AGGCAATCCA AATGATGGTT
ATGAGGAATT
5761 GAATTTGAAG TCCACAAAAG GAGACCTCCA GTTCTCACCC TGGATTCTGG
TCCCTCATAT
5821 TGGGTATGGC TTCCACCAGT ATCTGCCCTA CCCTGACGGG ATGAGCCCTT
TCCAGGCAGC
5881 CATGGTAGAT GGCTCTGGCT ACCAAGTCCA TCGAACAATG CAGTTTGAAG
ATGGTGCCTC
5941 CCTTACTGTT AACTACCGCT ATACCTACGA GGAAGCCAC ATCAAAGGAG
AGGCCCAGGT
6001 GAAAGGGACT GGTTCCTCCG CTGACGGTCC TGTGATGACC AACTCACTGA
CCGCTGCTGA
6061 CTGGTGCAGG TCGAAAAAGA CTTATCCCAA TGACAAAACA ATTATCAGTA
CCTTTAAGTG
6121 GAGTTACACC ACTGGAAATG GAAAGAGATA CCGGAGCACT GCCAGAACCA
CGTACACCTT
6181 TGCCAAGCCA ATGGCGGCTA ACTATCTGAA GAACCAGCCG ATGTACGTGT
TCCGTAAGAC
6241 GGAGCTTAAG CACTCTAAAA CCGAACTCAA TTCAAAGAA TGGCAAAAAGG
CCTTTACAGA
6301 TGTTATGGGC ATGGACGAGC TGTATAAGTA AGTAAACCCA GCTTTCTTGT
ACAAAGTGGT
6361 GATAATCGAA TTCCGATAAT CAACCTCTGG ATTACAAAAT TTGTGAAAGA
TTGACTGGTA
6421 TTCTTAACTA TGTTGCTCCT TTTACGCTAT GTGGATACGC TGCTTTAATG
CCTTTGTATC
6481 ATGCTATTGC TTCCCGTATG GCTTTCATTT TCTCCTCCTT GTATAAATCC
TGGTTGCTGT
6541 CTCTTTATGA GGAGTTGTGG CCCGTTGTCA GGCAACGTGG CGTGGTGTGC
ACTGTGTTTG
6601 CTGACGCAAC CCCCACTGGT TGGGGCATTG CCACCACCTG TCAGCTCCTT
TCCGGGACTT
6661 TCGCTTTCCC CCTCCCTATT GCCACGGCGG AACTCATCGC CGCCTGCCTT
GCCCGCTGCT
6721 GGACAGGGGC TCGGCTGTTG GGCCTGACA ATTCCGTGGT GTTGTCGGGG
AAGCTGACGT
6781 CCTTTCCATG GCTGCTCGCC TGTGTTGCCA CCTGGATTCT GCGCGGGACG
TCCTTCTGCT
6841 ACGTCCCTTC GGCCCTCAAT CCAGCGGACC TTCCTTCCCG CGGCCTGCTG
CCGGCTCTGC
6901 GGCCTCTTCC GCGTCTTCGC CTTCGCCCTC AGACGAGTCG GATCTCCCTT
TGGGCCGCCT

6961 CCCCGCATCG GGAATTCCCG CGGTTTCGCTT TAAGACCAAT GACTTACAAG
GCAGCTGTAG
7021 ATCTTAGCCA CTTTTTAAAA GAAAAGGGGG GACTGGAAGG GCTAATTCAC
TCCCAACGAA
7081 GACAAGATCT GCTTTTTGCT TGTACTGGGT CTCTCTGGTT AGACCAGATC
TGAGCCTGGG
7141 AGCTCTCTGG CTAACTAGGG AACCCACTGC TTAAGCCTCA ATAAAGCTTG
CCTTGAGTGC
7201 TTCAAGTAGT GTGTGCCCGT CTGTTGTGTG ACTCTGGTAA CTAGAGATCC
CTCAGACCCT
7261 TTTAGTCAGT GTGGAAAATC TCTAGCAGTA GTAGTTCATG TCATCTTATT
ATTCAGTATT
7321 TATAACTTGC AAAGAAATGA ATATCAGAGA GTGAGAGGAA CTTGTTTATT
GCAGCTTATA
7381 ATGGTTACAA ATAAAGCAAT AGCATCACAA ATTTACAAA TAAAGCATTT
TTTTCACTGC
7441 ATTCTAGTTG TGGTTTGTCC AAACATCA CAATGTATCTTA TCATGTCTGG
CTCTAGCTAT
7501 CCCGCCCTA ACTCCGCCA TCCCGCCCCT AACTCCGCC AGTTCGCC
ATTCTCCGCC
7561 CCATGGCTGA CTAATTTTTT TTATTTATGC AGAGGCCGAG GCCGCCTCGG
CCTCTGAGCT
7621 ATTCCAGAAG TAGTGAGGAG GCTTTTTTGG AGGCCTAGGG ACGTACCCAA
TTCGCCCTAT
7681 AGTGAGTCGT ATTACGCGCG CTCACTGGCC GTCGTTTTAC AACGTCTGTA
CTGGGAAAAC
7741 CCTGGCGTTA CCCAACTTAA TCGCCTTGCA GCACATCCCC CTTTCGCCAG
CTGGCGTAAT
7801 AGCGAAGAGG CCCGCACCGA TCGCCCTTCC CAACAGTTGC GCAGCCTGAA
TGCGGAATGG
7861 GACGCGCCCT GTAGCGGCGC ATTAAGCGCG GCGGGTGTGG TGGTTACGCG
CAGCGTGACC
7921 GCTACACTTG CCAGCGCCCT AGCGCCCGCT CCTTTCGCTT TCTTCCCTTC
CTTTCTCGCC
7981 ACGTTCGCCG GCTTTCCCG TCAAGCTCTA AATCGGGGGC TCCCTTTAGG
GTTCCGATTT
8041 AGTGCTTTAC GGCACCTCGA CCCCAAAAAA CTTGATTAGG GTGATGGTTC
ACGTAGTGGG
8101 CCATCGCCCT GATAGACGGT TTTTCGCCCT TTGACGTTGG AGTCCACGTT
CTTTAATAGT
8161 GGA CTCTTGT TCCAAACTGG AACAACTC AACCCATCT CGGTCTATTC
TTTTGATTTA
8221 TAAGGGATTT TGCCGATTC GGCCTATTGG TTA AAAAATG AGCTGATTTA
ACAAAAATTT
8281 AACGCGAATT TTAACAAAAT ATTAACGCTT ACAATTTAGG TGGCACTTTT
CGGGGAAATG
8341 TGCGCGGAAC CCCTATTTGT TTATTTTTCT AAATACATTC AAATATGTAT
CCGCTCATGA
8401 GACAATAACC CTGATAAATG CTTCAATAAT ATTGAAAAAG GAAGAGTATG
AGTATTCAAC
8461 ATTTCCGTGT CGCCCTTATT CCCTTTTTTG CGGCATTTTG CCTTCCTGTT
TTTGCTCACC
8521 CAGAAACGCT GGTGAAAGTA AAAGATGCTG AAGATCAGTT GGGTGCACGA
GTGGGTTACA

8581 TCGAACTGGA TCTCAACAGC GGTAAGATCC TTGAGAGTTT TCGCCCCGAA
GAACGTTTTTC
8641 CAATGATGAG CACTTTTAAA GTTCTGCTAT GTGGCGCGGT ATTATCCCGT
ATTGACGCCG
8701 GGCAAGAGCA ACTCGGTCGC CGCATACT ATTCTCAGAA TGAATTGGTT
GAGTACTCAC
8761 CAGTCACAGA AAAGCATCTT ACGGATGGCA TGACAGTAAG AGAATTATGC
AGTGCTGCCA
8821 TAACCATGAG TGATAAACT GCGGCCAACT TACTTCTGAC AACGATCGGA
GGACCGAAGG
8881 AGCTAACCGC TTTTTTGCAC AACATGGGGG ATCATGTAAC TCGCCTTGAT
CGTTGGGAAC
8941 CGGAGCTGAA TGAAGCCATA CCAAACGACG AGCGTGACAC CACGATGCCT
GTAGCAATGG
9001 CAACAACGTT GCGCAAATA TTAAGTGGCG AACTACTTAC TCTAGCTTCC
CGGCAACAAT
9061 TAATAGACTG GATGGAGGCG GATAAAGTTG CAGGACCACT TCTGCGCTCG
GCCCTTCCGG
9121 CTGGCTGGTT TATTGCTGAT AAATCTGGAG CCGGTGAGCG TGGGTCTCGC
GGTATCATTG
9181 CAGCACTGGG GCCAGATGGT AAGCCCTCCC GTATCGTAGT TATCTACACG
ACGGGGAGTC
9241 AGGCAACTAT GGATGAACGA AATAGACAGA TCGCTGAGAT AGGTGCCTCA
CTGATTAAGC
9301 ATTGTAAC GTCAGACCAA GTTTACTCAT ATATACTTTA GATTGATTTA
AAACTTCATT
9361 TTTAATTTAA AAGGATCTAG GTGAAGATCC TTTTGTATAA TCTCATGACC
AAAATCCCTT
9421 AACGTGAGTT TTCGTTCCAC TGAGCGTCAG ACCCCGTAGA AAAGATCAAA
GGATCTTCTT
9481 GAGATCCTTT TTTTCTGCGC GTAATCTGCT GCTTGCAAAC AAAAAACCA
CCGCTACCAG
9541 CGGTGGTTTG TTTGCCGGAT CAAGAGCTAC CAACTCTTTT TCCGAAGGTA
ACTGGCTTCA
9601 GCAGAGCGCA GATACCAAAT ACTGTTCTTC TAGTGAGCC GTAGTTAGGC
CACCATTCA
9661 AGAACTCTGT AGCACCGCCT ACATACCTCG CTCTGCTAAT CCTGTTACCA
GTGGCTGCTG
9721 CCAGTGGCGA TAAGTCGTGT CTTACCGG

//