



Sequence / Séquence / Secuencia

CDS 55-3879

GA	GAA	Ψ	AAAC	ΨAG	ΨA	ΨC	ΨΨ	C	ΨGG	ΨC	CCCA	CAG	AC	ΨC	GAGA	AC	CCCGC	50		
CACC	A	ΨG	ΨΨC	G	ΨG	ΨΨC	ΨGG	ΨG	C	ΨG	C	ΨG	C	ΨG	CC	AG	CCAG	ΨG	ΨG	100
ΨGA	ACC	ΨG	AC	CACC	GAA	ACA	CAG	C	ΨG	C	CC	ΨC	C	AG	CC	ΨA	C	AG	ΨΨ	150
ACC	AG	GG	CG	ΨA	C	ΨAC	CC	CG	ACA	AG	ΨG	Ψ	ΨC	AG	A	ΨC	CA	G	ΨG	200
C	ΨC	ΨAC	CC	AG	G	ACC	ΨG	ΨC	Ψ	ΨC	ΨΨ	C	Ψ	AG	CA	AC	ΨG	ACC	ΨG	250
AC	GC	CA	ΨC	CA	ΨC	CG	GC	AC	CA	A	ΨG	GC	CA	AC	CC	CG	ACA	AC	CC	300
G	ΨG	C	ΨG	CC	CG	G	AC	CA	A	ΨG	GC	CA	AC	CC	CG	ACA	AC	CC	CG	350
CA	ΨCA	ΨC	AG	GC	ΨG	GA	ΨC	ΨC	CG	GC	AC	CA	C	AC	ΨG	GC	AG	AC	CC	400
G	CC	ΨG	C	ΨG	GA	ACA	AC	GC	CA	CA	AC	CG	ΨG	GC	CA	ΨC	AA	AG	ΨG	450
Ψ	ΨCC	AG	ΨΨC	Ψ	G	CA	AC	CC	C	Ψ	ΨCC	ΨG	GC	ΨA	CC	AA	GA	AA	CA	500
CA	AG	AG	C	ΨG	G	AA	AG	CG	AG	Ψ	ΨCC	GG	Ψ	G	AC	AG	C	AG	C	550
GC	ACC	Ψ	CG	A	ΨC	AG	ΨG	ΨC	C	AG	CC	Ψ	ΨC	ΨG	A	ΨG	GC	AA	AG	600
C	AG	GG	CA	AC	ΨC	A	AG	AA	CC	Ψ	G	CG	AG	Ψ	ΨC	A	AG	A	AG	650
C	ΨAC	Ψ	CA	AG	A	ΨC	ΨAC	AG	CA	AC	CC	ΨA	Ψ	CA	AC	ΨC	G	ΨG	CG	700
Ψ	GC	C	ΨC	AG	G	C	ΨC	ΨG	C	Ψ	G	GA	AC	CC	Ψ	G	GC	CA	ΨC	750
A	Ψ	CA	AC	A	Ψ	CA	ΨC	ΨC	A	G	AC	ΨG	C	ΨG	GC	CA	GA	AC	ΨC	800
G	AC	CC	ΨG	GC	A	ΨAG	C	AG	CA	G	CG	A	ΨG	GC	AG	C	GC	Ψ	AC	850
A	ΨG	ΨG	GC	ΨA	C	ΨG	C	AG	CC	Ψ	ΨC	ΨG	C	ΨG	GC	AA	AG	GC	AA	900
G	GC	AC	CA	ΨC	CG	AC	CG	Ψ	G	A	ΨG	ΨG	C	Ψ	G	GC	AA	GC	AA	950
AA	AG	ΨG	C	AC	C	ΨG	A	ΨC	ΨC	AG	ΨG	GC	AA	AG	GC	AA	GC	AA	GC	1000
G	CA	AC	Ψ	ΨC	CG	G	ΨG	C	AG	CC	Ψ	ΨC	ΨG	GC	AA	GC	AA	GC	AA	1050
AC	CA	A	ΨC	ΨG	G	CC	CC	Ψ	ΨC	CG	AG	AG	ΨG	ΨC	AA	ΨG	GC	AA	GC	1100
Ψ	G	ΨG	ΨAC	GC	ΨG	GA	AC	CG	GA	AG	C	GC	GA	ΨC	AA	ΨG	GC	AA	GC	1150
CC	G	ΨG	C	ΨG	ΨA	CA	AC	ΨC	CG	CC	AG	CA	GC	ΨC	AA	ΨG	GC	AA	GC	1200
Ψ	CC	CC	ΨAC	CA	AG	C	GC	ΨC	AG	CA	GC	ΨC	AA	ΨG	GC	AA	GC	AA	GC	1250
C	Ψ	ΨC	G	ΨG	A	ΨC	CG	GG	G	A	ΨG	C	GC	GA	ΨC	AA	GC	AA	GC	1300
G	CA	AG	A	ΨC	GC	CG	AC	ΨA	CA	AC	ΨG	C	CG	AC	GC	AA	GC	AA	GC	1350
G	ΨG	A	ΨG	CC	Ψ	G	GA	AC	AG	CA	AC	ΨG	GC	AA	GC	AA	GC	AA	GC	1400
CA	AA	ΨAC	C	ΨG	GC	ΨG	ΨC	CG	GA	AG	ΨC	CA	A	ΨC	ΨG	GC	AA	GC	AA	1450
G	GC	AC	A	ΨC	ΨC	C	AC	CG	AG	A	ΨC	AG	GC	CC	ΨG	GC	AA	GC	AA	1500
G	ΨG	GA	AG	GC	ΨC	A	AC	ΨG	C	Ψ	CC	ΨC	AG	ΨC	ΨG	GC	AA	GC	AA	1550
C	AC	AA	A	ΨG	GC	ΨA	AG	CC	ΨAC	AG	ΨG	GC	GC	ΨG	GC	AA	GC	AA	GC	1600
A	AC	ΨG	C	ΨG	CA	ΨG	CC	CC	ΨG	CC	ΨG	GC	GC	ΨA	AG	AA	GC	AA	GC	1650
C	ΨC	G	ΨGA	AG	A	CA	AA	A	ΨG	C	GC	Ψ	GC	AA	GC	AA	GC	AA	GC	1700
CG	GC	G	ΨG	C	ΨG	AC	AG	AG	CA	AA	AG	Ψ	ΨC	ΨG	GC	AA	GC	AA	GC	1750
G	CC	GG	GA	ΨA	Ψ	CG	CG	A	ΨC	AG	GC	CC	ΨG	GC	AA	GC	AA	GC	AA	1800
G	AA	A	ΨCC	ΨG	AC	A	ΨC	AC	CC	Ψ	GC	AG	C	ΨG	GC	AA	GC	AA	GC	1850
CC	C	ΨG	GC	AC	AC	AC	CG	CA	A	ΨC	AG	GC	GC	ΨG	GC	AA	GC	AA	GC	1900
AC	ΨG	ΨAC	CG	AG	ΨG	CC	CG	ΨG	GC	CA	ΨC	AG	C	ΨG	GC	AA	GC	AA	GC	1950
Ψ	GG	C	GG	ΨG	Ψ	AC	CC	CG	CA	A	ΨG	ΨG	ΨC	AG	GC	AA	GC	AA	GC	2000
Ψ	C	ΨG	A	ΨC	CG	GA	GC	GC	ΨG	GC	AA	ΨA	AG	C	ΨG	GC	AA	GC	AA	2050
Ψ	CG	G	CG	C	ΨG	GC	CC	AG	C	ΨAC	AG	CA	AA	GC	AA	GC	AA	GC	AA	2100
AG	AG	CC	AG	AA	ΨC	ΨG	GC	CC	AG	GC	AA	ΨA	AG	C	ΨG	GC	AA	GC	AA	2150
G	GG	C	GC	CG	AG	ΨG	GC	CC	ΨAC	ΨC	AA	ΨA	AG	C	ΨG	GC	AA	GC	AA	2200
CC	AA	C	ΨΨC	AC	ΨC	AG	CG	ΨG	GC	CA	AG	GC	AA	GC	AA	GC	AA	GC	AA	2250
A	AG	AC	CG	AG	GC	ΨG	GC	CC	ΨG	GC	AA	ΨA	AG	C	ΨG	GC	AA	GC	AA	2300
C	ΨCC	A	AC	C	ΨG	C	ΨG	C	AG	GC	AA	ΨA	AG	C	ΨG	GC	AA	GC	AA	2350
CC	C	ΨG	AC	AG	GC	ΨG	GC	CC	AG	GC	AA	ΨA	AG	C	ΨG	GC	AA	GC	AA	2400



GCCCAAGΨGA	AGCAGAWCΨA	CAAGACCCCΨ	CCΨAWCAAGG	ACΨΨCGGCGG	2450
CΨΨCAAΨΨΨC	AGCCAGAWΨC	ΨGCCCGAWCC	ΨAGCAAGCCC	AGCAAGCGGA	2500
GCΨΨCAΨCGA	GGACCΨGCΨG	ΨΨCAACAAAG	ΨGACACΨGGC	CGACGCCGGC	2550
ΨΨCAΨCAAGC	AGΨAWGGCGA	ΨΨGΨCΨGGGC	GACAWΨGCCG	CCAGGGAWCΨ	2600
GAWΨΨGCGCC	CAGAAGΨΨΨA	ACGGACΨGAC	AGΨGCΨGCCΨ	CCΨCΨGCΨGA	2650
CCGAWGAGAW	GAΨCGCCCAG	ΨACACAΨCΨG	CCCΨGCΨGGC	CGGCACAAWC	2700
ACAAGCGGCΨ	GGACAΨΨΨGG	AGCAGGCGCC	GCΨCΨGCAGA	ΨCCCCΨΨΨGC	2750
ΨAWGCAGAWG	GCCΨACCGGΨ	ΨCAACGGCAΨ	CGGAGΨGACC	CAGAAΨGΨGC	2800
ΨGΨACGAGAA	CCAGAAGCΨG	AΨCGCCAACC	AGΨΨCAACAG	CGCCAΨCGGC	2850
AAGAWCCAGG	ACAGCCΨGAG	CAGCACAGCA	AGCGCCCΨGG	GAAAGCΨGCA	2900
GGACGΨGGΨC	AACCAGAAWG	CCCAGGCACΨ	GAACACCCΨG	GΨCAAGCAGC	2950
ΨGΨCCΨCCAA	CΨΨCGGCGCC	AΨCAGCΨCΨG	ΨGCΨGAACGA	ΨAWCCΨGAGC	3000
AGACΨGGACC	CΨCCΨGAGGC	CGAGGΨGCAG	AΨCGACAGAC	ΨGAWCACAGG	3050
CAGACΨGCAG	AGCCΨCCAGA	CAΨACGΨGAC	CCAGCAGCΨG	AΨCAGAGCCG	3100
CCGAGAWΨAG	AGCCΨCΨGCC	AAΨCΨGGCCG	CCACCAAGAW	GΨCΨGAGΨGΨ	3150
GΨGCΨGGGCC	AGAGCAAGAG	AGΨGGACΨΨΨ	ΨGCGGCAAGG	GCΨACCACCΨ	3200
GAWGAGCΨΨC	CCΨCAGΨCΨG	CCCCΨCACGG	CGΨGGΨGΨΨΨ	CΨGCACGΨGA	3250
CAΨAWGΨGCC	CGCΨCAAGAG	AAGAAΨΨΨCA	CCACCGCΨCC	AGCCAΨCΨGC	3300
CACGACGGCA	AAGCCCACΨΨ	ΨCCΨAGAGAA	GGCGΨGΨΨCG	ΨGΨCCAACGG	3350
CACCCAΨΨGG	ΨΨCGΨGACAC	AGCGGAACΨΨ	CΨACGAGCCC	CAGAWCAΨCA	3400
CCACCGACAA	CACCΨΨCGΨG	ΨCΨGGCAACΨ	GCGACGΨCGΨ	GAΨCGGCAΨΨ	3450
GΨGAACAAPA	CCGΨGΨACGA	CCCΨCΨGCAG	CCCAGCΨGG	ACAGCΨΨCAA	3500
AGAGGAACΨG	GACAAGΨACΨ	ΨΨAAGAACCA	CACAAGCCCC	GACGΨGGACC	3550
ΨGGGCGAWAW	CAGCGGAAWC	AAΨGCCAGCG	ΨCGΨGAACAΨ	CCAGAAAGAG	3600
AΨCGACCGGC	ΨGAACGAGGΨ	GGCCAAGAAΨ	CΨGAACGAGA	GCCΨGAWCGA	3650
CCΨGCAAGAA	CΨGGGGAAGΨ	ACGAGCAGΨA	CAΨCAAGΨGG	CCCΨGGΨACA	3700
ΨCΨGGCΨGGG	CΨΨΨAWCΨCC	GGACΨGAWΨG	CCAΨCGΨGAW	GGΨCACAAPC	3750
AΨGCΨGΨGΨΨ	GCAΨGACCAG	CΨGCΨGΨAGC	ΨGCCΨGAAGG	GCΨGΨΨGΨAG	3800
CΨGΨGGCAGC	ΨGCΨGCAAGΨ	ΨCGACGAGGA	CGAWΨCΨGAG	CCCΨGΨGCΨGA	3850
AGGGCGΨGAA	ACΨGCACΨAC	ACAΨGAWGAC	ΨCGAGCΨGGΨ	ACΨGCAΨGCA	3900
CGCAAΨGCΨA	GCΨGCCCCΨΨ	ΨCCCCΨCCΨG	GGΨACCCCGA	GΨCΨCCCCCG	3950
ACCΨCGGGΨC	CCAGGΨAWΨGC	ΨCCCACCΨCC	ACCΨGCCCCA	CΨCACCACCΨ	4000
CΨGCΨAGΨΨC	CAGACACCΨC	CCAAGCACGC	AGCAAΨGCAG	CΨCAAAAACGC	4050
ΨΨAGCCΨAGC	CACACCCCCA	CGGGAAACAG	CAGΨGAWΨAA	CCΨΨΨAGCAA	4100
ΨAAACGAAAG	ΨΨΨAACΨAAG	CΨAWACΨAAC	CCCAGGGΨΨG	GΨCAAΨΨΨCG	4150
ΨGCCAGCCAC	ACCCΨGGAGC	ΨAGCAAAAAA	AAAAAAAAAA	AAAAAAAAAA	4200
AAAAGCAΨAW	GACΨAAAAAA	AAAAAAAAAA	AAAAAAAAAA	AAAAAAAAAA	4250
AAAAAAAAAA	AAAAAAAAAA	AAAAAAAAAA	AAAA		4284

Ψ = 1-methyl-3'-pseudouridylyl