

Figure S1: Nucleotide Sequence Alignments (continued)

chs2

	INTRON	EXON
B1566 (UAMH 12045)	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
TB00016 2005	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
TB00040 2005	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
ATCC 62541 (601)	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
ATCC 66136 (637)	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
FR00742 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
TB00024 2005	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
UAMH 5584	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
371	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
396	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
397	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
663	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
664	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
ATCC 26199 (V)	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
ATCC MYA-2586 (ER-3)	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
B3003 (UAMH 12046)	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
CH-10	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
En-	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
F270	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
FR00346 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
K940	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
Ro	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF03443 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF05773 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF05792 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF60672 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF62666 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF6354 2009	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
SF14600 2008	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
TB00011 2006	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
TB00042 2005	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
UAMH 4042	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
UAMH 5634	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
UAMH 7800	GAGCCTTCAGCCACGCAGCTAACAAATACITTT	CAGAGCCAAGAAGATGTTTCA
ATCC 26197 (GA-1)	GAGCCTTCAGCCACA	CAGCTAACAAATACITTT
ATCC 28306	GAGCCTTCAGCCACA	CAGCTAACAAATACITTT

chs2 (continued)

[illegible]

Figure S1: Nucleotide Sequence Alignments (continued)

<i>chs2 (continued)</i>	EXON
B1566 (UAMH 12045)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
TB00016 2005	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
TB00040 2005	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
ATCC 62541 (601)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
ATCC 66136 (637)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGATTTACTACCGCGCCGTGCGCACGTAC
FR00742 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGATTTACTACCGCGCCGTGCGCACGTAC
TB00024 2005	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
UAMH 5584	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
371	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
396	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
397	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
663	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
664	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
ATCC 26199 (V)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
ATCC MYA-2586 (ER-3)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
B3003 (UAMH 12046)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
CH-10	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
En	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
F270	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
FR00346 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
K940	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
Ro	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF03443 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF05773 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF05792 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF06072 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF06266 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF06354 2009	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
SF14600 2008	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
TB00011 2006	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
TB00042 2005	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
UAMH 4042	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
UAMH 5634	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
UAMH 7800	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
ATCC 26197 (GA-1)	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC
ATCC 28306	GACCGGCTCGAGGTGGCCCCGCCCGAGCTCTCAGAGGCGCAGATGCAGGAAGACTACTACCGCGCCGTGCGCACGTAC

Figure S1: Nucleotide Sequence Alignments (continued)

drk I

EXON

[illegible]

drk1(continued)

EXON

[illegible]

Figure S1: Nucleotide Sequence Alignments Alignments (continued)

drk1 (continued)

EXON

[illegible]

Figure S1: Nucleotide Sequence Alignments (continued)

fads

EXON

ATCC 26197 (GA-1)
ATCC 26199 (V)
ATCC 66136 (b37)
ATCC MYA-2586 (ER-3)
B3003 (UAMH 12046)
FR00742 2009
Ro
BT00016 2005
UAMH 5584
371
396
397
6663
ATCC 28306
CH-10
En
F270
FR00346 2009
K940
SF03443 2009
SF05773 2009
SF05792 2009
SF06072 2009
SF06266 2009
SF06354 2009
SF14600 2008
BT00011 2006
BT00024 2005
UAMH 7800
ATCC 62541(601)
B1566 (UAMH 12045)
BT00040 2005

fads (continued)

EXON

[illegible]

Figure S1: Nucleotide Sequence Alignments (continued)

its2

[illegible]

its2 (continued)

UTR	
ATCC 62541 (601)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
ATCC 66136 (637)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
B1566 (UAMH 12045)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
FR00742 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
TB00016 2005	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
TB00040 2005	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
TB00011 2006	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCAGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
TB00024 2005	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCAGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
TB00042 2005	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCAGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
UAMH 5584	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCAGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
UAMH 7800	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCAGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
371	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
396	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
397	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
663	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
664	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
ATCC 26197 (GA-1)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
ATCC 26199 (V)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
ATCC 28306	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
ATCC MYA-2586 (ER-3)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
B3003 (UAMH 12046)	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
CH-10	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
En	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
F270	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
FR00346 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
K940	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
Ro	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF03443 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF05773 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF05792 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF05792 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF06266 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF06354 2009	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
SF14600 2008	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
UAMH 4042	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA
UAMH 5634	ATCTCAAACCCCTTCGAGGGAGGGCGGTCTTCGGGCCGGTCTCCCCACCAAGTTGACCTCGGATCAGGTAGGAATACCCGCTGAACTTAA

Figure S1: Nucleotide Sequence Alignments (continued)

pyrF

INTRON

EXON

[illegible]

pyrF (continued)

EXON

[illegible]

Figure S1: Nucleotide Sequence Alignments (continued)

tub1 (continued)

	EXON	INTRON	EXON
SF03443 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
SF05773 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
B1566 (UAMH 12045)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
TB00016 2005	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
SF06072 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
SF06354 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
371	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
663	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
664	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
ATCC 26197 (GA-1)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
ATCC 26199 (V)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
ATCC 28306	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
ATCC 62541 (601)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
ATCC 66136 (637)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
En	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
F270	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
FR00742 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
K940	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
SF06266 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
SF14600 2008	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
UAMH 4042	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
UAMH 5634	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
CH-10	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
Ro	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
TB00011 2006	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
UAMH 5584	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
UAMH 7800	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
396	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
397	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
ATCC MYA-2586(ER-3)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAAGAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
SF05792 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
FR00346 2009	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
B3003 (UAMH 12046)	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAACAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
TB00024 2005	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAAGAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG
TB00042 2005	CAAGGATTTAATACTTTCTTTTCTGAAACAGG	TTTCGACAGCCCTCTTCCAAGAAAGTGCCGATGGATACATATGGATTTT	TGATTTCGGGAAACTTACATGTACATATCGG