

	1	10	20	30	40	50
Identity						
B26	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
B37	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
EBB	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
LPCoLN	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
Pot37	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
2040.3	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
GBF	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
DE177	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
N16	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
AR39	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	A AG GGCATTTA	GAAATCCAAG	
CWL029	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	A AG GGCATTTA	GAAATCCAAG	
J138	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	A AG GGCATTTA	GAAATCCAAG	
TW183	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	A AG GGCATTTA	GAAATCCAAG	
A03	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	A AG GGCATTTA	GAAATCCAAG	
1979	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	
SH511	TGTTTATATT	GAAAAGTTTA	TAGAAAATCC	ACGGCATTTA	GAAATCCAAG	

	60	70	80	90	100
Identity					
B26	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
B37	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
EBB	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
LPCoLN	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
Pot37	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
2040.3	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
GBF	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
DE177	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
N16	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
AR39	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
CWL029	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
J138	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
TW183	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
A03	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
1979	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC
SH511	TCATTGGGGA	TACCCATGGA	AATTATGTGC	ATTTAGGAGA	AAGAGACTGC

	110	120	130	140	150
Identity					
B26	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
B37	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
EBB	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
LPCoLN	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
Pot37	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
2040.3	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
GBF	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
DE177	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
N16	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
AR39	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
CWL029	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
J138	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
TW183	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
A03	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
1979	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT
SH511	ACCATTCAAC	GGCGACGTCA	AAAGTTGATT	GAAGAGACTC	CTAGTCCCAT

Identity	160	170	180	190	200
B26	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
B37	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
EBB	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
LPCoLN	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
Pot37	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
2040.3	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
GBF	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
DE177	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
N16	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAATTGCT	GTAGATCTAG
AR39	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAATTGCT	GTAGATCTAG
CWL029	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
J138	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAATTGCT	GTAGATCTAG
TW183	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
A03	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
1979	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG
SH511	TCTCAATGCG	GAAATCCGAG	CCAAAGTAGG	AAAAGTTGCT	GTAGATCTAG

Identity	210	220	230	240	250
B26	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
B37	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
EBB	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
LPCoLN	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
Pot37	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
2040.3	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
GBF	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
DE177	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
N16	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
AR39	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
CWL029	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
J138	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
TW183	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
A03	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
1979	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT
SH511	CAAGAAGCGC	CGGATATTTT	TCTGTTGGAA	CAGTCGAATT	CTTATTAGAT

Identity	260	270	280	290
B26	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
B37	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
EBB	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
LPCoLN	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
Pot37	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
2040.3	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
GBF	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
DE177	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
N16	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
AR39	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
CWL029	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
J138	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
TW183	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
A03	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
1979	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA
SH511	AAAGACAAAA	AATTCTACTT	TATGGAAATG	AATACCCGAA

	302
Identity	
B26	GC
B37	GC
EBB	GC
LPCoLN	GC
Pot37	GC
2040.3	GC
GBF	GC
DE177	GC
N16	GC
AR39	GC
CWL029	GC
J138	GC
TW183	GC
A03	GC
1979	GC
SH511	GC

