

Structure name	Avg. domain length (nt)	Linker length (nt)	Number of strands	Strand type 1	Strand type 2 (if different)	Optimal assembly temperature (mean \pm FWHM/2, $^{\circ}$ C)
m1_8mer_10T	8	10	66	8-8-8-8		18.42 \pm 6.49
m1_9mer_10T	9	10	66	9-9-9-9		26.81 \pm 12.71
m1_10mer_10T	10	10	66	10-10-10-10		34.98 \pm 4.47
m1_10T	10.5	10	66	11-10-12-9	12-9-11-10	38.51 \pm 4.87
m1_13mer_10T	13	10	66	13-13-13-13		48.66 \pm 5.51
m1_9mer	9	0	66	9-9-9-9		35.90 \pm 6.42
m1	10.5	0	66	11-10-12-9	12-9-11-10	47.38 \pm 6.09
m1_13mer	13	0	66	13-13-13-13		54.77 \pm 3.69
m1_16mer	16	0	66	16-16-16-16		60.07 \pm 4.60
m1_19mer	19	0	66	19-19-19-19	19-19-19-19	63.80 \pm 2.70
m1_21mer	21	0	66	21-21-21-21	21-21-21-21	64.80 \pm 6.09
m1_1T	10.5	1	66	11-10-12-9	12-9-11-10	40.66 \pm 5.56
m1_2T	10.5	2	66	11-10-12-9	12-9-11-10	39.37 \pm 4.79
m1_4T	10.5	4	66	11-10-12-9	12-9-11-10	39.14 \pm 4.81
m1_7T	10.5	7	66	11-10-12-9	12-9-11-10	39.73 \pm 4.73
m1_13T	10.5	13	66	11-10-12-9	12-9-11-10	40.31 \pm 5.41
m1_16T	10.5	16	66	11-10-12-9	12-9-11-10	37.01 \pm 7.46
m14	10.5	0	66	10-11-11-10	11-10-10-11	46.83 \pm 5.95
m14_10T	10.5	10	66	10-11-11-10	11-10-10-11	37.92 \pm 5.37
m3.1	10.5	0	66	10-11-11-10	11-10-10-11	45.63 \pm 5.63
m3.1_10T	10.5	10	66	10-11-11-10	11-10-10-11	39.34 \pm 4.36
m4.1	10.5	0	66	10-11-11-10	11-10-10-11	44.39 \pm 7.90
m4.1_10T	10.5	10	66	10-11-11-10	11-10-10-11	37.84 \pm 4.57
m14_10T_lowGC	10.5	10	66	10-11-11-10	11-10-10-11	26.66 \pm 7.06
m10	10.5	0	64	7-14-7-14		50.03 \pm 5.43
m10_highGC	10.5	0	64	7-14-7-14		54.46 \pm 3.64
m4.1_10T_split	10.5	10	66	10-11-11-10	11-10-10-11	24.44 \pm 7.04
m1_10A	10.5	10	66	11-10-12-9	12-9-11-10	N/A

m1_8mer_10T

[Back to overview](#)

Well	Name	Sequence
A1	1-1	ATAGATGGTTTTTTTTTTCGCCACA
B1	1-2	CTCCGGGCTTTTTTTTTTAACCGACC
C1	1-3	ACGCTTTATTTTTTTTTTCTACCACG
D1	1-4	CGTTTTCTGTTTTTTTTTCCCAGAAA
E1	1-5	AGGCCACCTTTTTTTTTTGCCCTCGG
F1	1-6	CCCTGGCCTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTGGAAATAGTTTTTTTTTCCATCTATTTTTTTTTTTTTTTTT
H1	2-2	CGGTATGATTTTTTTTTTCGGCCAAATTTTTTTTTTGCCCGGAGTTTTTTTTTTGTGGCG
A2	2-3	GGCAGGCATTTTTTTTTTGGTGGGTTTTTTTTTTAAAGCGTTTTTTTTTTGGTCGGTT
B2	2-4	GATGCAGGTTTTTTTTTGTGCCGATTTTTTTTTTCAGAAACGTTTTTTTTTCTGTGGTAG
C2	2-5	CCTAAGGTTTTTTTTTCCATAAAGTTTTTTTTTGGTGGCCTTTTTTTTTTTTTCTGGG
D2	2-6	CTAGCTCCTTTTTTTTTTCGCCGGTGTTTTTTTTTTGCCAGGTTTTTTTTTCCGAGGGC
E2	3-1	GACTCTCCTTTTTTTTTTGAACCCTATTTTTTTTTTCATACCGTTTTTTTTTCTATTTCC
F2	3-2	AGTGCAGGTTTTTTTTTTACAATCCTTTTTTTTTTGCCCTGCCTTTTTTTTTTTGGCCG
G2	3-3	CGTTCGTGTTTTTTTTTAAATGCGGGTTTTTTTTTCTGCATCTTTTTTTTTTACCCACCA
H2	3-4	ATAGGAATTTTTTTTTTGCGAAGGTTTTTTTTTTACCTTAGGTTTTTTTTTTACGGCAC
A3	3-5	CCCGAAGGTTTTTTTTTGAACGGAATTTTTTTTTTGGAGCTAGTTTTTTTTTCTTTATGG
B3	3-6	CCTCATCCTTCCACGGCG
C3	4-1	TTTTTTTTTTTTTTTTTGTGACACTTTTTTTTTTGGAGAGTCTTTTTTTTTTTTTTTTT
D3	4-2	CTGTCCGGTTTTTTTTTTCGCCCTGTTTTTTTTTTCTGCACTTTTTTTTTTTAGGGTTC
E3	4-3	CCTGTCGATTTTTTTTTTGTACTGAATTTTTTTTTTACAGAACGTTTTTTTTTTGGATTGTA
F3	4-4	GTCCTGGATTTTTTTTTTGTGCGCCCTTTTTTTTTTATCCTATTTTTTTTTTCCCGCAT
G3	4-5	GGTGGAGCTTTTTTTTTTAAACACCAATTTTTTTTTTCTTCGGGTTTTTTTTTTACCTTCGC
H3	4-6	CGTTCAGTTTTTTTTTGGTATATCTTTTTTTTTTGGATGAGGTTTTTTTTTTCCGTTC
A4	5-1	TATCGACGTTTTTTTTTGTACTAACTTTTTTTTTTCCGGACAGTTTTTTTTTTAGTCTGAC
B4	5-2	CGTTCATATTTTTTTTTTTCATGTGTTTTTTTTTTTCGACAGGTTTTTTTTTTACAGGCCG
C4	5-3	GAGCCTCCTTTTTTTTTTATATGGTCTTTTTTTTTTCCAGGACTTTTTTTTTTTCAGTAC
D4	5-4	TCATAATCTTTTTTTTTTAAAGTCATTTTTTTTTTGTCTCCACCTTTTTTTTTTTGGCGGAC
E4	5-5	GAATGTGTTTTTTTTTATCTGCGGTTTTTTTTTCTAGAACGTTTTTTTTTTTTGGTGT
F4	5-6	GTGTGGTGTTTAGATAACC
G4	6-1	TTTTTTTTTTTTTTTTTTCGAGATGTTTTTTTTTTCGTGATATTTTTTTTTTTTTTTTT
H4	6-2	AGCTGTGTTTTTTTTTTCGCCTATCTTTTTTTTTTATGAACGTTTTTTTTTTGTTAGTAC
A5	6-3	ATCTGTAGTTTTTTTTTTCGACTCCTTTTTTTTTTGGAGGCTCTTTTTTTTTTACACATGA
B5	6-4	GGGACTTATTTTTTTTTTAGAACTAATTTTTTTTTTGAATTATGATTTTTTTTTTGACCATAT
C5	6-5	GCGGCGTATTTTTTTTTTCTTATGCTTTTTTTTTTACACATCTTTTTTTTTTTGACTTTA
D5	6-6	AGCTACAGTTTTTTTTTATGTTCTATTTTTTTTTTACCACACTTTTTTTTTTCCGAGAT
E5	7-1	ACCTCATGTTTTTTTTTTCGAATAGATTTTTTTTTTACACAGCTTTTTTTTTTTACATCTCG
F5	7-2	CAGATGCTTTTTTTTTTCAACTCTTTTTTTTTTCTACAGATTTTTTTTTTTGATAGGCG
G5	7-3	ACCGTACGTTTTTTTTTCTGCCCTTTTTTTTTTTAAGTCCCTTTTTTTTTTAGGAGTCG
H5	7-4	TCATAGTATTTTTTTTTTGCATTTCTTTTTTTTTTACGCCGCTTTTTTTTTTTAGTTCT
A6	7-5	TAGCCATGTTTTTTTTTGGCAAGTATTTTTTTTTTCTGTAGCTTTTTTTTTTTGCATAAGG
B6	7-6	TATTAATCGTTAGGAACT
C6	8-1	TTTTTTTTTTTTTTTTTACGCGATCTTTTTTTTTTCATGAGGTTTTTTTTTTTTTTTTTT
D6	8-2	CTCAGCCTTTTTTTTTTTCGCCCTCTTTTTTTTTTAGCATCTGTTTTTTTTTTCTATTCG
E6	8-3	CTCCACAGTTTTTTTTTGAAGTCAAATTTTTTTTTTCGTACGGTTTTTTTTTTAAGAGTTG
F6	8-4	CGGGAAACTTTTTTTTTTGGTTCGCTTTTTTTTTTACTATGATTTTTTTTTTTAAGGGCAG
G6	8-5	GCCCAGCTTTTTTTTTTGGTGGAGGTTTTTTTTTTCATGGCTATTTTTTTTTTTGAAATGCA
H6	8-6	CTTCCGGCTTTTTTTTTTTCATGAGTTTTTTTTTTCGATAAATATTTTTTTTTTTACTTGCC
A7	9-1	TTAAAGGGTTTTTTTTTTCCTTTGGTTTTTTTTTTAGGCTGAGTTTTTTTTTTGATCGCGT
B7	9-2	TCGCATCGTTTTTTTTTGTCCGAACTTTTTTTTTCTGTGGAGTTTTTTTTTTAGAGGCGA
C7	9-3	TAACATGATTTTTTTTTTACTAGCCCTTTTTTTTTTGTTCGCCGTTTTTTTTTTGACTTC
D7	9-4	TGTCCACATTTTTTTTTTCTCACTCATTTTTTTTTTAGCTGGGCTTTTTTTTTTGCGAACCTC
E7	9-5	ACGGGTCTTTTTTTTTTGTGGTCTCTTTTTTTTTTGC CGAAGTTTTTTTTTCTCTCACC

F7 9-6 TTCGGACTTTCATGAA
G7 10-1 TTTTTTTTTTTTTTTTTTTCATAACGGTTTTTTTTTTCCCTTTAATTTTTTTTTTTTTTTTTTTT
H7 10-2 AGAACCATTTTTTTTTTTGCGAAAGGTTTTTTTTTTTCGATGCGATTTTTTTTTTCCAAAGGA
A8 10-3 GTCTAACATTTTTTTTTTCCTTAGAATTTTTTTTTTTCATGTTATTTTTTTTTTGTTCGGAC
B8 10-4 CGTCTCGTTTTTTTTTTTACCAGTTTTTTTTTTTTTGTGGACATTTTTTTTTTGGGCTAGT
C8 10-5 AAACCTCCTTTTTTTTTTACGGTTAGTTTTTTTTTTAGACCCGTTTTTTTTTTTTGAGTGAG
D8 10-6 TCCTATCATTTTTTTTTTGGATGCTTTTTTTTTTTAGTCCGAATTTTTTTTTTGAGACCAC
E8 11-1 ATGGTTCTTTTTTTTTTTCCGTTATG
F8 11-2 TGTTAGACTTTTTTTTTTCCTTTCGC
G8 11-3 ACGAGACGTTTTTTTTTTTTCTAAGG
H8 11-4 GGAGGTTTTTTTTTTTTAAACTGGT
A9 11-5 TGATAGGATTTTTTTTTTCTAACCGT
B9 11-6 TTTTTTTTTTTTTTTTTTAAGCATCC

C9
D9
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C11
D11
E11
F11
G11
H11
A12
B12
C12
D12
E12
F12
G12
H12

m1_9mer_10T

Well	Name	Sequence
A1	1-1	AGAGCAATGTTTTTTTTTAAAGCTTGGA
B1	1-2	CCCTGCGGATTTTTTTTTTGTTAATCA
C1	1-3	TCCATAACCTTTTTTTTTTCACGCCGA
D1	1-4	GAACTGTCCTTTTTTTTTTCTAACCGGT
E1	1-5	TTGAGCTCGTTTTTTTTTAAACATGGCC
F1	1-6	GTCCCAGACTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTCGCTAGCATTTTTTTTTTTCATGCTCTTTTTTTTTTTTTTTTTT
H1	2-2	ACCTCAAGCTTTTTTTTTTGAAATTTTTTTTTTTTTTCCGCAGGGTTTTTTTTTCCAAGCTT
A2	2-3	AGTCCTAGATTTTTTTTTTCCTTGGGCCTTTTTTTTTTGTTATGGATTTTTTTTTTGAATTAAC
B2	2-4	TCTAGGAATTTTTTTTTTTCAGTCACCTTTTTTTTTTGGACAGTCTTTTTTTTTTTCGCGCGTG
C2	2-5	TTCCCTTAATTTTTTTTTTGCACATTGGTTTTTTTTTTCGAGCTCAATTTTTTTTTTACCAGTTAG
D2	2-6	GCATTGTATTTTTTTTTTAAAGCTTCGTTTTTTTTTGTCTGGGACTTTTTTTTTTGGCCATGTT
E2	3-1	AGTTCGGGATTTTTTTTTTCGCTGGGTATTTTTTTTTTGTCTGAGGTTTTTTTTTATGCTACGC
F2	3-2	CTGATTTCTTTTTTTTTTCCCTCGCGTTTTTTTTTCTAGGACTTTTTTTTTTAAAAATTC
G2	3-3	GTGAATGACTTTTTTTTTTGACCGCGCGTTTTTTTTTATTCTAGATTTTTTTTTTGGCCCAAGG
H2	3-4	AGACTTAACTTTTTTTTTTGAGCTGGACTTTTTTTTTTAAAGGAATTTTTTTTTTAGGTGACTG
A3	3-5	TCTCCAGGCTTTTTTTTTTTCGGGCTTTTTTTTTTATAACAATGCTTTTTTTTTTCCAATGTGC
B3	3-6	TCTAGGCCTTACGAAGCTT
C3	4-1	TTTTTTTTTTTTTTTTTGTGCGAGTGTTTTTTTTTTCCCGAACTTTTTTTTTTTTTTTTTTT
D3	4-2	CGTACGTGCTTTTTTTTTTTCACGCGTTTTTTTTTGTAGAAATCAGTTTTTTTTTTACCAGCG
E3	4-3	CCATACTTTTTTTTTTGTAGAGCGGATTTTTTTTTTGTCAATCAGTTTTTTTTTTCGCGAGGGA
F3	4-4	CGAGGGTATTTTTTTTTTTCGCGAGTCTTTTTTTTTTGTAAAGTCTTTTTTTTTTTCGCGCGGTC
G3	4-5	ACCAGAGATGTTTTTTTTTGACCAGCTGTTTTTTTTTGCCTGGAGATTTTTTTTTTGTCCAGCTC
H3	4-6	CGCTCCTCCTTTTTTTTTTGGACTGTTTTTTTTTGGCCCTAGATTTTTTTTTTGTAGACCCGAA
A4	5-1	GCAATTAGTTTTTTTTTGTATACCCGATTTTTTTTTTGCACGTACGTTTTTTTTTCACTCGACA
B4	5-2	TCATCACACTTTTTTTTTTAAATGTCTCCTTTTTTTTTTAAAGTATGGTTTTTTTTTTCGCGTGAAA
C4	5-3	CCCCACATTTTTTTTTTTCATCTGGATTTTTTTTTTAAACCCTCGTTTTTTTTTTCGCTCCT
D4	5-4	AGGGCTATTTTTTTTTTGTGAAGCCTTTTTTTTTTTCATCTCGGTTTTTTTTTTGAATGCAG
E4	5-5	AGATCAGCGTTTTTTTTTTCGCCGATTAATTTTTTTTTTGGAGGAGCGTTTTTTTTTTCAGCTGGTC
F4	5-6	ATAGTATCGTTTAAACAGTCC
G4	6-1	TTTTTTTTTTTTTTTTTTCGAGTCTTTTTTTTTTACTAATTGCTTTTTTTTTTTTTTTTTTT
H4	6-2	GGTGCACGGTTTTTTTTTCTTAGCCGATTTTTTTTTTGTGTGATGATTTTTTTTTTTCGGGTATC
A5	6-3	CCTTTGCTATTTTTTTTTTGTATTAGGTTTTTTTTTAAATGIGGGTTTTTTTTTGGAGACATT
B5	6-4	AGTTCTTCGTTTTTTTTTCTAACCTGATTTTTTTTTTAAATAGCCCTTTTTTTTTTTCAGATGA
C5	6-5	TGTGCCCTTTTTTTTTTTCGCATCGCGTTTTTTTTTTCGCTGATCTTTTTTTTTTGGCTTCACA
D5	6-6	CATGTCCAATTTTTTTTTTCAAGGGACTTTTTTTTTTTCGATACTAATTTTTTTTTTAAATCGGCG
E5	7-1	TGCTTAGCATTTTTTTTTTGTAGCTGTGATTTTTTTTTTCCGTGCACCTTTTTTTTTTGTAGCACTGCA
F5	7-2	CGTTTTTTTTTTTTTTTTTATCTGGCAGTTTTTTTTTGTAGCAAAGTTTTTTTTTTCGGCTAAG
G5	7-3	GCGGGAAATTTTTTTTTTGTCTTATATTTTTTTTTTTCGAAGAACTTTTTTTTTTACCTAATAC
H5	7-4	ACAGTTGGCTTTTTTTTTTGTAGATTCTCTTTTTTTTTTGTAGGGCACATTTTTTTTTTTCAGGTTAG
A6	7-5	CGCAACTCTTTTTTTTTTGTAGTCAGTTTTTTTTTTTTTGGACATGTTTTTTTTTTCGCGATGGC
B6	7-6	TCTGTGACTTGTCCCCTTG
C6	8-1	TTTTTTTTTTTTTTTTTGTCTAAATTTTTTTTTTGTAGTAAGCATTTTTTTTTTTTTTTTTTT
D6	8-2	AAATGGCCATTTTTTTTTTGTAGTTGTTGTTTTTTTTTAAAAAACGTTTTTTTTTCAACAGCT
E6	8-3	CTCAGTCAATTTTTTTTTTCTTGGCIGGTTTTTTTTTTTTTCCCGCTTTTTTTTTTCTGCCAGAT
F6	8-4	CTGCACTGTTTTTTTTTGTCTATGCTTTTTTTTTTGTCCAACTGTTTTTTTTTTATAAGAGC
G6	8-5	AGGCTCATGTTTTTTTTTATAGCTAATTTTTTTTTTGTAGGTTGCGTTTTTTTTTGAAGAATCT
H6	8-6	AACAGAAAATTTTTTTTTTTCGCTATATGTTTTTTTTTGTAGTCACAGATTTTTTTTTTACTGACTAC
A7	9-1	TGGCCACAATTTTTTTTTTCTGAATCTTTTTTTTTTGTGCCATTTTTTTTTTTTTTTTAGGACA
B7	9-2	GATTCCAAATTTTTTTTTTGGCGTATTTTTTTTTTTTTTGTACTGAGTTTTTTTTTTACACAATA
C7	9-3	CCGAGTTCTTTTTTTTTTTCGTTTCGTTTTTTTTTACAGTGCAGTTTTTTTTTTCAGCCAAG
D7	9-4	CAGCGTTGATTTTTTTTTTTCGCAACTGTTTTTTTTTTCATGAGCCTTTTTTTTTTGTACATAGCA
E7	9-5	CTGATGTAGTTTTTTTTTCTCCGCTATTTTTTTTTTTTTTCTGTTTTTTTTTTTATTAGCTAT

[Back to overview](#)

F7 9-6 AGCGCGGGATTCATATAGCG
G7 10-1 TTTTTTTTTTTTTTTTTTTTAGGCGCATGTTTTTTTTTTTTTGTTGGCCATTTTTTTTTTTTTTTTTTTTTTT
H7 10-2 ATTGCCATGTTTTTTTTTATACCGTCCTTTTTTTTTTTTTTGAATCTTTTTTTTTTTGAATTCAGA
A8 10-3 GAGGAGGGCTTTTTTTTTTCTGTATGTTTTTTTTTTTGAAACTCGGTTTTTTTTTTAAATACGCC
B8 10-4 TTTATATCGTTTTTTTTTTACGGGGCCATTTTTTTTTTTCAACGCTGTTTTTTTTTTTGAACGAAA
C8 10-5 TAATATTTCTTTTTTTTTTTATGCGTAGTTTTTTTTTTCTACATCAGTTTTTTTTTTCAAGTTGCG
D8 10-6 ATTCCCAAATTTTTTTTTTTGGCTCGCTTTTTTTTTTTCCCGCGCTTTTTTTTTTTTAGCGGAGA
E8 11-1 CATGGCAATTTTTTTTTTTTCATGCGCCT
F8 11-2 GCCCTCCTCTTTTTTTTTTTGGACGGTAT
G8 11-3 CGATATAAAATTTTTTTTTTTACAATACAG
H8 11-4 GAAATATTATTTTTTTTTTTGGCCCCGT
A9 11-5 TTTGGGAATTTTTTTTTTTCTACGCATA
B9 11-6 TTTTTTTTTTTTTTTTTTTTAGCGAGCCA

C9
D9
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A10
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B11
C11
D11
E11
F11
G11
H11
A12
B12
C12
D12
E12
F12
G12
H12

F7 9-6 CCCTCAGATAATTCCTGAATGCG
G7 10-1 TTTTTTTTTTTTTTTTTTTTTTCCGCGAGCTTTTTTTTTTATCAGAAAAGTTTTTTTTTTTTTTTTTTTTT
H7 10-2 CACGGTGAACTTTTTTTTTGGCTGGTCGAGTTTTTTTTTGGATTAGCCTTTTTTTTTTAGAGATGTCTG
A8 10-3 TGCGTCCGAATTTTTTTTTTCTCTCAAGGGTTTTTTTTTTCATGTACCTATTTTTTTTTTACGTCCGAGC
B8 10-4 TTTGACGCATTTTTTTTTTAAACGAAGAATTTTTTTTTTGTAGTGCCTTTTTTTTTTGTATGCGGTG
C8 10-5 GCTGTAAACTTTTTTTTTTAAAGATTCTGTTTTTTTTTTGTCCCTCGCATTTTTTTTTTGTAGGCAATA
D8 10-6 GGTCCGCATCTTTTTTTTTTGTACCGTTGTTTTTTTTTTATCTGAGGGTTTTTTTTTTGACCAGATA
E8 11-1 GTTCACCGTGTTTTTTTTTTAGCTCGCGGA
F8 11-2 TTCGGACGCATTTTTTTTTTCTCGACCAGC
G8 11-3 ATGCGTCAAATTTTTTTTTTCCCTTGAGAG
H8 11-4 AGTTTACAGCTTTTTTTTTTCTTCGTTT
A9 11-5 GATGCCGACCTTTTTTTTTTCAAGATCTTT
B9 11-6 TTTTTTTTTTTTTTTTTTCAACGGTAGC

C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
E10
F10
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A11
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C11
D11
E11
F11
G11
H11
A12
B12
C12
D12
E12
F12
G12
H12

m1_10T

WellPosition	Name	Sequence
A1	1-1	GCCGGTGCATATTTTTTTTTTTGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTTTTTTTTTAGCACGT
C1	1-3	AACAGAGAGGTATTTTTTTTTTCTCCAAAGA
D1	1-4	ACTTAGTTACCGTTTTTTTTTTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTTTTTTTTTTTCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTTTTGGCATTGAGCTTTTTTTTTTATGACACCGGCTTTTTTTTTTTTTTTTTT
H1	2-2	GAGACGGCGTCTTTTTTTTTTTGTCGGCGAACTTTTTTTTTTAGCCGTTGAGGCTTTTTTTTTTCTCTGGTCC
A2	2-3	CTGGGCGGATGTTTTTTTTTTTACAGTGCCTTTTTTTTTTTACCTCTCTGTTTTTTTTTTTTACGTGCTAA
B2	2-4	TCCGATTGCTATTTTTTTTTTTGACGCATTGTTTTTTTTTTTCGGTAACTAAGTTTTTTTTTTCTTTGGAG
C2	2-5	CAACATCTGCATTTTTTTTTTTGCAGCTGTAGTTTTTTTTTTCCAGCTTTTACACTTTTTTTTTTTCAACGAGC
D2	2-6	ATCTGCGCGGTTTTTTTTTTTAGTTGCTGCTTTTTTTTTTTGTATCTGTAACTTTTTTTTTTTGCGTCCAGG
E2	3-1	CACGGAACGGCATTTTTTTTTTTTCGAACTGTTTTTTTTTTGACGCGCTCTTTTTTTTTTTGCTCAATGGC
F2	3-2	TCGTCCTAGGCTTTTTTTTTTTCTGGACTTCTTTTTTTTTTTCATCCGCCAGTTTTTTTTTTGTTCCGGAC
G2	3-3	TTCCGGATCGACTTTTTTTTTTTTCTCGCCATTTTTTTTTTTTAGCAATCGGATTTTTTTTTTTTCGCACTGTAA
H2	3-4	TTACCTAGAAATTTTTTTTTTTTACCCGATGATTTTTTTTTTTGTCAGATGTTGTTTTTTTTTTACAATGCGTC
A3	3-5	GAAGCTGGCAAGTTTTTTTTTTGTTGCTATATTTTTTTTTTTCCGCGGCAGATTTTTTTTTTTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTTTTTTTTTTGGTTTCGAGATTTTTTTTTTTGCCGTTCCGTGTTTTTTTTTTTTTTTTTT
D3	4-2	GATTAGAGCATTTTTTTTTTTAATCTCTTCTTTTTTTTTTTGGCCTAGGACGATTTTTTTTTTTCACGTTCGA
E3	4-3	GCTGAGGTGTGTTTTTTTTTTCCGAGAAACATTTTTTTTTTTGTCGATCCGGAATTTTTTTTTTTGAAGTCCAG
F3	4-4	TCTAGGAAACCTTTTTTTTTTTTCGATATGTGTTTTTTTTTTAATCTAGTAATTTTTTTTTTTATGGCGAGG
G3	4-5	CGGCAGTTAATTTTTTTTTTTGACCTGCTCTTTTTTTTTTTCTGCCAGCTTCTTTTTTTTTTTTCATCGGGT
H3	4-6	GAACAAATATCTTTTTTTTTTTTACACCCTATTTTTTTTTTTCCATCTTCCCGTTTTTTTTTTTATAGCAAC
A4	5-1	GGTCGGATCACTTTTTTTTTTTCCCGCCAACTTTTTTTTTTTATGCTCTAATCTTTTTTTTTTTCTCGAAACC
B4	5-2	GAACCTGCTCTCTTTTTTTTTTTGCTCAGGGTTTTTTTTTTTACACCTCAGCTTTTTTTTTTTGAAAGAGATT
C4	5-3	CTAATAATAAGCTTTTTTTTTTTGTGCTAGCTTTTTTTTTTTGGTTTCTAGATTTTTTTTTTTGTTTCTCGG
D4	5-4	TGAGCAAAGCAGTTTTTTTTTTTACACAAAGGTTTTTTTTTTTTAAACTGCCGTTTTTTTTTTTACATATCCG
E4	5-5	ACCATCACCTATTTTTTTTTTTTCGATTCTCATTTTTTTTTTTGATATTTGTTCTTTTTTTTTTTAGAGCAGGTC
F4	5-6	TAGCAAACCTCAGTTTATAGGGTGTAA
G4	6-1	TTTTTTTTTTTTTTTTTTTTTCTAGCTCACCTTTTTTTTTTTAGTGATCCGACCTTTTTTTTTTTTTTTTTTT
H4	6-2	ACTTCACIATTTTTTTTTTTTTAAGGTGTTGTTTTTTTTTTGGAGACGAGTTCTTTTTTTTTTTGTTGGCGGG
A5	6-3	ATTTAGACTAGTTTTTTTTTTTCGCCTGGATTTTTTTTTTTGCTTATTATTAGTTTTTTTTTTTACCCTGAGC
B5	6-4	CAGAAAGTGAGTTTTTTTTTTTGGCCTCAGGTTTTTTTTTTCTGCTTGTGCTATTTTTTTTTTTGCTAGGCAC
C5	6-5	GGTCAGGTCAATTTTTTTTTTTTCGGTCACTCTTTTTTTTTTTAGGGTGTAGGTTTTTTTTTTTCTTTGTGT
D5	6-6	AAAGCTCGGATTTTTTTTTTTTAGCGCCCGTTTTTTTTTTCTGAGTTGCTATTTTTTTTTTTGAGAATCG
E5	7-1	TTGCACGACCGTTTTTTTTTTTATCGTCTCTTTTTTTTTTTAATAGTGAAGTTTTTTTTTTTGGTGAGCTAG
F5	7-2	ACTTACAACGCCTTTTTTTTTTTTGAATAAGTTTTTTTTTTCTAGTCTAAATTTTTTTTTTTCAACACCTTA
G5	7-3	AATAATTACCTCTTTTTTTTTTTACATACGCTTTTTTTTTTTCTCACCTTCTGTTTTTTTTTTTATCCAGGCGA
H5	7-4	CTGGTCATCTCATTTTTTTTTTTGAATGAGAAATTTTTTTTTTTGACCTGACCTTTTTTTTTTTTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTTTTTTTTTTTATGAGACGCTTTTTTTTTTTATCCGAGCTTTTTTTTTTTTGGAGATGACCG
B6	7-6	GTCACCAAGTCTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTTTTTTTTTTGGACATTCCTTTTTTTTTTTACGGTCTGCAATTTTTTTTTTTTTTTTTTT
D6	8-2	TGCGAAGGCCGTTTTTTTTTTAAGCTGGCAGTTTTTTTTTTGGCGTTGTAAGTTTTTTTTTTTAGAGACGAT
E6	8-3	TGCAGGCGGGCTTTTTTTTTTTCAAAGGATAAATTTTTTTTTTTGAGGTAATTAATTTTTTTTTTTCTTATTTCA
F6	8-4	GCTTCCGTTGCTTTTTTTTTTTGATGCCATTTTTTTTTTTTGGAGATGACCAGTTTTTTTTTTAGCGTATGT
G6	8-5	CAGGCGAAATCTTTTTTTTTTTAGCGTTGGCTTTTTTTTTTTCCATTCACGCTATTTTTTTTTTTTCTCATTC
H6	8-6	AGCGCTGGAGGTTTTTTTTTTTGTCTCAATGTTTTTTTTTTTGGACTTGAGTGACTTTTTTTTTTTGCGTCTCAT
A7	9-1	AATCTCCCACGCTTTTTTTTTTTATGGACCTTTTTTTTTTTTCGGCCTTCGCATTTTTTTTTTTAGGAATGTCC
B7	9-2	TCAGTGTATACCTTTTTTTTTTTGACTGTAAATTTTTTTTTTTGCCCGCTGCATTTTTTTTTTTCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTTTTTTTTTTGGTCTGACTTTTTTTTTTTGCAACGGAAGCTTTTTTTTTTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTTTTTTTTTTTCTGCTGGGATTTTTTTTTTTGATTTCCGCTGTTTTTTTTTTAATGGCATCA
E7	9-5	GCCGGAATTTGCTTTTTTTTTTTTAGCATTTATTTTTTTTTTTCTCCAGCGCTTTTTTTTTTTTAGCCAACGCT

[Back to overview](#)

F7	9-6	ATTACCTTTATTTAAACATTGAGC
G7	10-1	TTTTTTTTTTTTTTTTTTTTTCTGCTCGTATTTTTTTTTTTCGGTGGGAGATTTTTTTTTTTTTTTTTTTTTT
H7	10-2	TAGTAAACTCCTTTTTTTTTTAAGGCTACCCTTTTTTTTTTGGTATACACTGATTTTTTTTTTAGGTCCAAT
A8	10-3	TGTAAGTCGATTTTTTTTTTTAAACCAGTGTTTTTTTTTTCTGTGCGAAGGCTTTTTTTTTTTTACAGTC
B8	10-4	CAGAAATATTGTTTTTTTTTAACTGTGATTTTTTTTTTTGGATACCTAGACTTTTTTTTTTGTGACACCA
C8	10-5	TGAGAGCTCTGTTTTTTTTTATGAATTCGCTTTTTTTTTTGCAAATTCGGCTTTTTTTTTTTCCAGCAG
D8	10-6	TTTCCTAGTTGTTTTTTTTTAAATCCACGTTTTTTTTTAAATAAGGTAATTTTTTTTTTTAAATGCTA
E8	11-1	GGAGTTTACTATTTTTTTTTTACGAGACAG
F8	11-2	ATCGACTTACATTTTTTTTTTGGGTAGCCTT
G8	11-3	CAATATTICTGTTTTTTTTTTCAGTGGTTTA
H8	11-4	CAGAGCTCTCATTTTTTTTTTAAATCACAGTT
A9	11-5	CAACTAGGAAATTTTTTTTTTGCGAATTCAT
B9	11-6	TTTTTTTTTTTTTTTTTTTTTTCGTGGATATT

C9
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[Back to overview](#)

Well	Name	Sequence
A1	1-1	TGAGATGACTCTTTTTTTTTTTTAAATGGGCATATC
B1	1-2	GACGACCAGGCCGTTTTTTTTTTTAGTGTGCCACTC
C1	1-3	CGGTCCCAGCGCTTTTTTTTTTTCGCAGCTGATGTG
D1	1-4	ATGGGCTGAGTTTTTTTTTTTTTGTGTTGCATTGA
E1	1-5	CCAGGGTCGGACATTTTTTTTTTGTGTAATTCGAG
F1	1-6	CAATTCCTGATATTTTTTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTTTTATTAGCTAGGCCTTTTTTTTTTAAAGAGTCATCTCATTTTTTTTTTTTTTTTTTTT
H1	2-2	CCGATTTATTGGGTTTTTTTTTTTATTGCAGACCACCTTTTTTTTTTCGGCCTGGTCTTTTTTTTTTGATATGCCCATTA
A2	2-3	GCACGAGTACGCTTTTTTTTTTTTATGCCCTGATTCTTTTTTTTTCGCGCTGGGACCGTTTTTTTTTTGAGTGGCAACACT
B2	2-4	AGCTCCGGGTCTTTTTTTTTTTAATACTCGGTTGTTTTTTTTTAAACTCAGCCCATTTTTTTTTTTCACATCAGCTGGC
C2	2-5	GGTGGAGACCAGATTTTTTTTTTTGGAACCTGGGTACTTTTTTTTTTGTCCGACCTGGTTTTTTTTTTCAATGCAAAACA
D2	2-6	GTTGAACGCGACTTTTTTTTTTTCATTAGTGGCTTATTTTTTTTTTATATCAGGAATTGTTTTTTTTTCTCGAAATTACAC
E2	3-1	ATCTCAACGTGCCTTTTTTTTTTATAGTCTCCAAATTTTTTTTTTCCCAATAAATCGTTTTTTTTTTAGCCTAGCTAAT
F2	3-2	GTTTGTGCTAGGATTTTTTTTTTAAAGCAGCTTCGTTTTTTTTTGTAGCTACTCGTGTCTTTTTTTTTTGGTGGTCTGCAAT
G2	3-3	GCGCGTCCGTCATTTTTTTTTTTCGACCTGCCGATTTTTTTTTTGAACCCGGAGCTTTTTTTTTTTGAATCAGGGCATA
H2	3-4	CTGTATGACCGTATTTTTTTTTTAGTGAATGACTGTTTTTTTTTCTGGTCTCCACCTTTTTTTTTTCAACCGAGTATTA
A3	3-5	TAAGGCAGCGACCTTTTTTTTTTTGTAACGTAGAGTTTTTTTTTGTAGTCGCGTCAACTTTTTTTTTTGTACCCAAGTCC
B3	3-6	GTATTTGGAATATTAAAGCCACTAATG
C3	4-1	TTTTTTTTTTTTTTTTTTTTTATCGGAGAATGCTTTTTTTTTTGGCACGTTGAGATTTTTTTTTTTTTTTTTTTTTTTT
D3	4-2	GAAATCATAGTAGTTTTTTTTTTAGCACCAATGCTTTTTTTTTTCTAGCACAACTTTTTTTTTTTGGAGAACTAT
E3	4-3	CGTGACAGACGGATTTTTTTTTTCTTCAGTGCATTTTTTTTTTTGACGGAGCGCGCTTTTTTTTTTCGAAGCGTGCTTA
F3	4-4	GGAATAATGTGGTTTTTTTTTTCAATTTCTCGCCTTTTTTTTTTACGGTCATACAGTTTTTTTTTTCATCGGCAGGTCG
G3	4-5	AGCCACCTCCGTTTTTTTTTTTAGCGTCGTAACATTTTTTTTTTGGTCGCTGCCTATTTTTTTTTTCAGTCATCAACT
H3	4-6	CCTTTCACACGTTTTTTTTTTTGGCGAAGTGACCTTTTTTTTTTTAATTCCAAATACTTTTTTTTTCTCTAGCGTTACA
A4	5-1	CACATCTGTGCGTTTTTTTTTTGGCCTCATACATTTTTTTTTTCTACTATGATTTCTTTTTTTTTTAGCATTCCTCGAT
B4	5-2	AGGTATTGGACACTTTTTTTTTTTCGTCACAAGCCGTTTTTTTTTCCGCTGTGCACGTTTTTTTTTAGACATGGTGCT
C4	5-3	CCTCACGGGACTCTTTTTTTTTTGAAACTAGGTTCCTTTTTTTTTACCACATTATTCCTTTTTTTTTTATACGCACTGAAG
D4	5-4	GTCAGCGCATGTATTTTTTTTTTAGGTAATTAATGGTTTTTTTTTTAACGGAGGTGGCTTTTTTTTTTTGGCGAGAAATGA
E4	5-5	TTATTACCTCAGTTTTTTTTTTTTTGGTTGGTACATTTTTTTTTTAACTGTGAAAGTTTTTTTTTTATGTTACGACGCT
F4	5-6	GAACGTCGCCGATTAGGTCACTTCGCC
G4	6-1	TTTTTTTTTTTTTTTTTTTTTAGTGAACCGGGTTTTTTTTTTACGCACAGATGTGTTTTTTTTTTTTTTTTTTTTTTT
H4	6-2	CACCGAAACATGTTTTTTTTTAAATCACTGATTCTTTTTTTTTGTGTCCAATACCTTTTTTTTTTATGTAATGAGGCC
A5	6-3	CGGCATCAAGCGGTTTTTTTTTTGTGCGTAGCTATTTTTTTTTTTGAGTCCCGTGAGGTTTTTTTTTTCGGCTTGTGACGA
B5	6-4	TCGGTTAACTTGCTTTTTTTTTTTGGCGAAACGAACATTTTTTTTTTTACATGCGCTGACTTTTTTTTTTGGAACCTAGTTTC
C5	6-5	GTCCAGTAAACGTTTTTTTTTTTAAAGAGACCAGATTTTTTTTTTACTGAGGTAATAATTTTTTTTTTCCATTAATACCT
D5	6-6	TCCAAGGCTCGAGTTTTTTTTTTACCAGATTACCTGTTTTTTTTTTCGCGGACGTTCTTTTTTTTTTTGTACCAACCAA
E5	7-1	TTGTTCTCGGATCTTTTTTTTTTCTACTGAAATATATTTTTTTTTTCATGTTCCGGTGTTTTTTTTTTACCAGGTTCAACT
F5	7-2	TATCGGCCCTCTTTTTTTTTTTGCGCAAGCTCACGTTTTTTTTTCCGCTGATGCGGTTTTTTTTTTGAATCAGTGATTT
G5	7-3	TTGGGGCCAAGCGTTTTTTTTTTGTGCGCGGTGCTTTTTTTTTTGAAGTTAACCGATTTTTTTTTTATAGGACTACGAC
H5	7-4	CGGTTATGAACCTTTTTTTTTTTTGGGATCTGTCAATTTTTTTTTTACGTTACTGGACTTTTTTTTTTTGTTTCGTTTCGCC
A6	7-5	AAAGGCGTACGACTTTTTTTTTTATGAACGTCGATTTTTTTTTTCTCGAGCCTGGATTTTTTTTTTTCGTGGTCTCTTA
B6	7-6	CTACTCGAGCGGGTTCAGGTAATCGGGT
C6	8-1	TTTTTTTTTTTTTTTTTTTTTCCGTACTTCGGATTTTTTTTTTGTATCCGAGAACAATTTTTTTTTTTTTTTTTTTTTT
D6	8-2	CTCCCTGATTTGTTTTTTTTTTAGCTTCTTCAGTTTTTTTTTTGAGGGGCGCGATATTTTTTTTTTATAATTCAGTAG
E6	8-3	CTGTGAGAACGGGTTTTTTTTTTGTACCGTCTGCGTTTTTTTTTTTCGCTTGGCCCAATTTTTTTTTTTCGTGAGCTTGC
F6	8-4	CAGCCGACTGAAATTTTTTTTTTACGCATGCTTATTTTTTTTTTGTAGTTTCATAACCGTTTTTTTTTTGGACACCGCGCAC
G6	8-5	ATCACGTTCCTCTTTTTTTTTTTGACACCTCGGACTTTTTTTTTTGTGCTACGCCTTTTTTTTTTTTTTGGACAAGATCGCA
H6	8-6	CGCGCAATTTGTTTTTTTTTTTAGAATATCATGTTTTTTTTTCCCGCTCGAGTAGTTTTTTTTTAAATCGACGTTTCAT
A7	9-1	GGCGAATGGCGAATTTTTTTTTTCTGTTCAACCCTTTTTTTTTTTCAAATACAGGGAGTTTTTTTTTCCGAAGTACAGG
B7	9-2	AGATCACGCTCGCTTTTTTTTTTCTTCGATGCAAAATTTTTTTTTTCCCGTCTGCAGTTTTTTTTTCTGAAGAAAGCTA
C7	9-3	CCTTACAGGGCGCTTTTTTTTTTCCCAAGGACGGTTTTTTTTTTTTTTCAGTCCGGCTGTTTTTTTTTACGCAGACGGTAC
D7	9-4	TGCGGACCCCATTTTTTTTTTTGACGGTTCGAGTGTTTTTTTTTTGTAGGAACAGTGATTTTTTTTTTATAAAGCATGCGT
E7	9-5	TTGCTGCAGTGATTTTTTTTTTTGCAACTCCCTAATTTTTTTTTTACAAATTCGCGCGTTTTTTTTTTGTCCGAGGTGTCA

F7 9-6 AAGCTGTAGTGGTTCAATGATATTCTA
G7 10-1 TTTTTTTTTTTTTTTTTTTTTTTAAATACGTCAGATTTTTTTTTTTTCGCCATTCGCCTTTTTTTTTTTTTTTTTTTTTT
H7 10-2 ATGGATGGTATTGTTTTTTTTTCTACTTTCGGACGTTTTTTTTTTGCGAGCGTGATCTTTTTTTTTTAAGGGTTGAACAG
A8 10-3 ATGTAAATTATGTTTTTTTTTTAAATTCACAAGTTTTTTTTTTGCGCCCGTGAAGGTTTTTTTTTTGCATCGAAAG
B8 10-4 TTTTCGTAAATAGTTTTTTTTTCCCATGTTGATTCTTTTTTTTTTATGGGGTCCGCATTTTTTTTTTCCGTCCTTGTGGG
C8 10-5 CTTAATGTATCCATTTTTTTTTTTCGTACATGATATTTTTTTTTTATCACTGCAGCAATTTTTTTTTTACACTCGACCGTC
D8 10-6 GTCTCTTCGATCGTTTTTTTTTCCATCCCAGATGGTTTTTTTTTTACCACACTACAGCTTTTTTTTTTTTTAGGGGAGTTGC
E8 11-1 CAATACCATCCATTTTTTTTTTCTGACGTATTTA
F8 11-2 ACATAATTTACATTTTTTTTTTTCGTCCGAAAGTAG
G8 11-3 CTATTTACGAAAATTTTTTTTTTCTTGTGAATTTA
H8 11-4 TGGATACATTAAGTTTTTTTTTTGAATCAACATGGG
A9 11-5 CGATCGAAGAGACTTTTTTTTTTATATCATGTACGA
B9 11-6 TTTTTTTTTTTTTTTTTTTTTTCCATCTGGGATGG

C9
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Well	Name	Sequence
A1	1-1	AGAGCAATGAAGCTTGGGA
B1	1-2	CCCTGCGGAGTTAATTCA
C1	1-3	TCCATAACCCACGCCGCA
D1	1-4	GAAGTGTCCCTAACCGGT
E1	1-5	TTGAGCTCGAACATGGCC
F1	1-6	GTCCCAGACTTTTTTTTTT
G1	2-1	TTTTTTTTTTCGCTAGCATCATTGCTCTTTTTTTTTT
H1	2-2	ACCTCAAGCGAAATTTTTTCCGCAGGGTCCAAGCTT
A2	2-3	AGTCCTAGACCTTGGGCCGGTTATGGATGAATTAAC
B2	2-4	TCTAGGAATCAGTCACCTGGACAGTTCTGCGGCGTG
C2	2-5	TTCCCTTAAGCACATTGGCGAGCTCAAACCGTTAG
D2	2-6	GCATTGTATAAGCTTCGTGTCTGGGACGGCCATGTT
E2	3-1	AGTTCGGGACGCTGGGTAGCTTGAGGTATGCTACGC
F2	3-2	CTGATTCTTCCCTCGCGTCTAGGACTAAAAATTTT
G2	3-3	GTGAATGACGACCGCGCGATTCTTAGAGGCCAAGG
H2	3-4	AGACTTAACGAGCTGGACTTAAGGGAAAGGTGACTG
A3	3-5	TCTCCAGGCTTCGGGTCTATAACAATGCCAATGTGC
B3	3-6	TCTAGGGCCTTTTTTTTTTTTTTTTTTACGAAGCTT
C3	4-1	TTTTTTTTTTGTCGAGTGCCCGAAGTTTTTTTTTT
D3	4-2	CGTACGTGCTTTCACGCGAGAAATCAGTACCCAGCG
E3	4-3	CCATACTTTAGGAGCGGAGTCATTACCCGCGAGGGA
F3	4-4	CGAGGGTTACTGCAGTTCGTTAAGTCTCGCGCGGTC
G3	4-5	ACCGAGATGGACCAGCTGGCCTGGAGAGTCCAGCTC
H3	4-6	CGCTCCTCCGGACTGTTTGGCCCTAGAAGACCCGAA
A4	5-1	GCAATTAGTGATACCCGAGCACGTACGCACTCGACA
B4	5-2	TCATCACACAATGTCTCCAAAGTATGGCGCGTGAAA
C4	5-3	CCCCACATTTTCATCTGGATAACCCTCGTCCGCTCCT
D4	5-4	AGGGCTATTTGTGAAGCCCATCTCGGTGAACTGCAG
E4	5-5	AGATCAGCGCGCCGATTAGGAGGAGCGCAGCTGGTC
F4	5-6	ATAGTATCGTTTTTTTTTTTTTTTTTTAAACAGTCC
G4	6-1	TTTTTTTTTTGCAGTGCTACTAATTGCTTTTTTTTTT
H4	6-2	GGTGCACGGCTTAGCCGAGTGTGATGATCGGGTATC
A5	6-3	CCTTTGCTAGTATTAGGTAATGTGGGGGAGACATT
B5	6-4	AGTTCTTCGCTAACCTGAAATAGCCCTTCCAGATGA
C5	6-5	TGTGCCCTTGCCATCGCGCGTGATCTGGCTTCACA
D5	6-6	CATGTCCAACAAGGGGACCGATACTATTAATCGGCG
E5	7-1	TGCTTAGCAAGCTGTTGACCGTGCACCAGCACTGCA
F5	7-2	CGTTTTTTTATCTGGCAGTAGCAAAGTTCGGCTAAG
G5	7-3	GCGGGAAAGCTCTTATACGAAGAACTACCTAATAC
H5	7-4	ACAGTTGGCAGATTCTTCAGGGGCACATCAGGTTAG
A6	7-5	CGCAACTCTGTAGTCAGTTTGGACATGCGCGATGGC
B6	7-6	TCTGTGACTTTTTTTTTTTTTTTTTTGTCCCTTG
C6	8-1	TTTTTTTTTTGTCTAAATGCTAAGCATTTTTTTTTT
D6	8-2	AAATGGCCATAGTTGTGTAATAAAAAACGTCAACAGCT
E6	8-3	CTCAGTCAACTTGGCTGGTTTCCCGCCTGCCAGAT
F6	8-4	CTGCACTGTGCTATGTCGCAACTGTTATAAGAGC
G6	8-5	AGGCTCATGATAGCTAATAGAGTTGCGGAAGAATCT
H6	8-6	AACAGAAAACGCTATATGAGTCACAGAAGTACTAC
A7	9-1	TGGCCACAATCTGAATTCTGGCCATTTTTTAGGACA
B7	9-2	GATTCCAAAGGCGTATTTTTGACTGAGACACAATA
C7	9-3	CCGAGTTTCTTTCGTTTCGACAGTGCAGCCAGCCAAG
D7	9-4	CAGCGTTGACGCAACTTGCATGAGCCTGACATAGCA
E7	9-5	CTGATGTAGTCTCCGCTATTTTCTGTATTAGCTAT

[Back to overview](#)

F7	9-6	AGCGCGGGATTTTTTTTTTTTTTTTTTTCATATAGCG
G7	10-1	TTTTTTTTTAGGCGCATGTTGTGGCCATTTTTTTTT
H7	10-2	ATTGCCATGATACCGTCCTTTGGAATCGAATTCAGA
A8	10-3	GAGGAGGGCCTGTATTGTGAAACTCGGAAATACGCC
B8	10-4	TTTATATCGACGGGGCCATCAACGCTGCGAACGAAA
C8	10-5	TAATATTTCTATGCGTAGCTACATCAGCAAGTTGCG
D8	10-6	ATTCCCAAATGGCTCGCTTCCC GCGCTTAGCGGAGA
E8	11-1	CATGGCAATCATGCGCCT
F8	11-2	GCCCTCCTCGGACGGTAT
G8	11-3	CGATATAAAACAATACAG
H8	11-4	GAAATATTATGGCCCCGT
A9	11-5	TTTGGGAATCTACGCATA
B9	11-6	TTTTTTTTTAGCGAGCCA
C9		
D9		
E9		
F9		
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A10		
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A12		
B12		
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G12		
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Well	Name	Sequence
A1	1-1	GCCGGTGTTCATAGGACCAGAG
B1	1-2	GCCTCAACGGCTTTAGCACGT
C1	1-3	AACAGAGAGGTACTIONCCTCAAAGA
D1	1-4	ACTTAGTTACCGGCTCGTTGA
E1	1-5	GTGTAAAGCTGGCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTGCCATTGAGCTATGACACCGGCTTTTTTTTTT
H1	2-2	GAGACGGCGTCGTTCGGCAACAGCCGTTGAGGCCTCTGGTCC
A2	2-3	CTGGGCGGATGTTACAGTGCCTACCTCTCTGTTACGTGCTAA
B2	2-4	TCCGATTGCTAGACGCATTGTCGGTAACTAAGTTCTTTGGAG
C2	2-5	CAACATCTGCAGCAGCTGTAGCCAGCTTTACTCAACGAGC
D2	2-6	ATCTGCCCGGTTAGTTGCTGCGTATCTGTAACCGGCTCACCG
E2	3-1	CACGGAACGGCATCGAACGTGGACGCGCTCTCGCTCAATGGC
F2	3-2	TCGTCTTAGGCCCTGGACTTCCATCCGCCAGGTTCCGGCAG
G2	3-3	TTCCGGATCGACCCTCGCCATTAGCAATCGGACGCACTGTAA
H2	3-4	TTACCTAGAAAATACCCGATGATGCAGATGTTGACAAATGCGTC
A3	3-5	GAAGCTGGCAAGGTTGCTATACCGCGGCAGATCTACAGCTGC
B3	3-6	CGGGAAGATGGATTTTTTTTTTTTTTTTTTTTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTGGTTTTCGAGATGCCGTTCCGTGTTTTTTTTT
D3	4-2	GATTAGAGCATAATCTCTTTTCGGCCTAGGACGACACGTTCTGA
E3	4-3	GCTGAGGTGTGCCGAGAAACAGTCGATCCGGAAGAAGTCCAG
F3	4-4	TCTAGGAAACCCGGATATGTGATTTCTAGGTAAATGGCGAGG
G3	4-5	CGGCAGTTTAAAGACCTGCTCTCTTGCAGCTTCTCATCGGGT
H3	4-6	GAACAAATATCTACACCCTATTCATCTTCCCGTATAGCAAC
A4	5-1	GGTCGGATCACTCCCGCCAACATGCTCTAATCTCTCGAAACC
B4	5-2	GAACCTGCTCTCCGCTCAGGGTCACACCTCAGCGAAAGAGATT
C4	5-3	CTAATAATAAGCGTGCCTAGCGGTTTCTTAGATGTTTCTCGG
D4	5-4	TGAGCAAAGCAGACACAAAGGTTAAACTGCCGCACATATCCG
E4	5-5	ACCATCACCCCTACGATTTCTCAGATATTTGTTTCAGAGCAGGTC
F4	5-6	TAGCAAATCAGTTTTTTTTTTTTTTTTTTTTTATAGGGTGTA
G4	6-1	TTTTTTTTTTTTCTAGCTCACCAGTATCCGACCTTTTTTTTTT
H4	6-2	ACTTCACTATTTAAGGTGTTGGGAGACGAGTTCGTTGGCGGG
A5	6-3	ATTTAGACTAGTCGCCTGGATGCTTATTATTAGACCCTGAGC
B5	6-4	CAGAAAGTGAGGGCCTCAGGTCTGCTTTGCTCAGCTAGGCAC
C5	6-5	GGTCAGGTCAACGGTCATCTCTAGGGTGATGGTCCTTTGTGT
D5	6-6	AAAGCTCGGATTAGCGCCCGGCTGAGTTTGCTATGAGAATCG
E5	7-1	TTGCACGACCGTATCGTCTCTAATAGTGAAGTGGTGAGCTAG
F5	7-2	ACTTACAACGCTGAAATAAGCTAGTCTAAATCAACACCTTA
G5	7-3	AATAATTACCTCACATACGCTCTCACTTTCTGATCCAGGCGA
H5	7-4	CTGGTCATCTCAGAATGAGAATTGACCTGACCACCTGAGGCC
A6	7-5	TAGCGTGAATGGATGAGACGCATCCGAGCTTTGAGATGACCG
B6	7-6	GTCACTCAAGTCTTTTTTTTTTTTTTTTTTTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTGGACATTCCTACGGTCGTGCAATTTTTTTTTT
D6	8-2	TGCGAAGGCCGAAGCTGGCAGGGCGTTGTAAGTAGAGACGAT
E6	8-3	TGCAGGCGGGCCAAAGGATAAGAGGTAATTATTCTTATTTC
F6	8-4	GCTCCGTTGCTGATGCCATTTGAGATGACCAGAGCGTATGT
G6	8-5	CAGGCGAAATCAGCGTTGGCTCCATTCACGCTATTCTCATTC
H6	8-6	AGCGCTGGAGGGCTCAATGTTGACTTGAGTGACGCGTCTCAT
A7	9-1	AATCTCCCACGCATTTGGACCTCGGCCTTCGCAAGGAATGTCC
B7	9-2	TCAGTGTATACCGACTGTAAAGCCCGCCTGCACTGCCAGCTT
C7	9-3	GCCTTCGCACAGTGGTCTGACGCAACGGAAGCTTATCCTTTG
D7	9-4	GTCTAGGTATCCCTGCTGGGAGATTTCCGCTGAATGGCATCA
E7	9-5	GCCGGAATTTGCTAGCATTTACCTCCAGCGCTAGCCAACGCT

[Back to overview](#)

F7 9-6 ATTACCTTTATTTTTTTTTTTTTTTTTTTTTTTTAAACATTGAGC
G7 10-1 TTTTTTTTTTCTGTCTCGTAGCGTGGGAGATTTTTTTTTTT
H7 10-2 TAGTAAACTCCAAGGCTACCCGGTATACACTGAAGGTCCAAT
A8 10-3 TGTAAGTCGATTAAACCACTGCTGTGCGAAGGCTTTACAGTC
B8 10-4 CAGAAATATTGAACTGTGATTGGATACCTAGACGTCAGACCA
C8 10-5 TGAGAGCTCTGATGAATTCGCGCAAATCCGGCTCCCAGCAG
D8 10-6 TTTCCCTAGTTGAATATCCACGAATAAAGGTAATTAATGCTA
E8 11-1 GGAGTTTACTATACGAGACAG
F8 11-2 ATCGACTTACAGGGTAGCCTT
G8 11-3 CAATATTTCTGCAGTGGTTTA
H8 11-4 CAGAGCTCTCAAATCACAGTT
A9 11-5 CAACTAGGAAAGCGAATTCAT
B9 11-6 TTTTTTTTTTTCGTGGATATT
C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
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G10
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Well	Name	Sequence
A1	1-1	TGAGATGACTCTTTAATGGGCATATC
B1	1-2	GACGACCAGGCCGAGTGTGGCCACTC
C1	1-3	CGGTCCCAGCGCGCGCAGCTGATGTG
D1	1-4	ATGGGCTGAGTTTTGTTTTGCATTGA
E1	1-5	CCAGGGTCGGACAGTGTAAATTCGAG
F1	1-6	CAATTCCTGATATTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTATTAGCTAGGCCTAAGAGTCATCTCATTTTTTTTTTTTTT
H1	2-2	CCGATTTATTGGGATTGCAGACCACCCGGCCTGGTCGTCGATATGCCATTA
A2	2-3	GCACGAGTACGCTTATGCCCTGATTCCGCGCTGGGACCGGAGTGGCAACACT
B2	2-4	AGCTCCGGGGTTCTAATACTCGGTTGAAACTCAGCCCATCACATCAGCTGGG
C2	2-5	GGTGGAGACCAGAGGAACTTGGGTACTGTCCGACCCTGGTCAATGCAAAACA
D2	2-6	GTTGAACGCGACTCATTAGTGGCTTAATATCAGGAATTGCTCGAAATTACAC
E2	3-1	ATCTCAACGTGCCATAGTTCTCCAAACCAATAAATCGGAGGCCTAGCTAAT
F2	3-2	GTTTGTGCTAGGATAAGCACGCTTCGAGCGTACTCGTGGGTGGTCTGCAAT
G2	3-3	GCGCGCTCCGTACGACCTGCCGATGGAACCCCGGAGCTGAATCAGGGCATA
H2	3-4	CTGTATGACCGTAAGTTGAATGACTGTCTGGTCTCCACCCAACCGAGTATTA
A3	3-5	TAAGGCAGCGACCTGTAACGCTAGAGAGTCGCGTTCAACGTACCCAAGTTC
B3	3-6	GTATTTGGAATTATTTTTTTTTTTTTTTTTTTTTTTTTTTAAGCCACTAATG
C3	4-1	TTTTTTTTTTTTTATCGGAGAATGCTGGCACGTTGAGATTTTTTTTTTTTTT
D3	4-2	GAAATCATAGTAGAGCACCAATGTCTTCCTAGCACAACTTTGGAGAACTAT
E3	4-3	CGTGACAGACGGACTTCAGTGCCTATTGACGGAGCGCGCCGAAGCGTGCTTA
F3	4-4	GGAATAATGTGGTTCAATTTCTCGCCTACGGTCATACAGCATCGGCAGGTGCG
G3	4-5	AGCCACCTCCGTTAGCGTCGTAACATGGTCGCTGCCTTACAGTCATTCAACT
H3	4-6	CCTTTCACACGTTGGCGAAGTGACCTTAATCCAAATACCTCTAGCGTTACA
A4	5-1	CACATCTGTGCGTGGCCTCATTACATCTACTATGATTTAGCATTTCTCCGAT
B4	5-2	AGGTATTGGACACTCGTCACAAGCCGTCCGCTGTGTCAGAGACATTGGTGCT
C4	5-3	CCTCACGGGACTCGAAACTAGGTTCCACCACATTATTCATACGCACTGAAG
D4	5-4	GTCAGCGCATGTAAGGTAATTAATGGAACGGAGGTGGCTGGCGAGAAATTGA
E4	5-5	TTATTACCTCAGTTTTGGTTGGTACAAACGTGTGAAAGGATGTTACGACGCT
F4	5-6	GAACGTCCCGGATTTTTTTTTTTTTTTTTTTTTTTTTTTAGGTCACTTCGCC
G4	6-1	TTTTTTTTTTTTTAGTTGAACCGGTACGCACAGATGTGTTTTTTTTTTTTT
H4	6-2	CACCGAAACATGAAATCACTGATTTCGTGTCCAATACCTATGTAATGAGGCC
A5	6-3	CGGCATCAAGCGGGTCGTAGTCCATGAGTCCCGTGAGGCGCTTGTGACGA
B5	6-4	TCGGTTAACTTGGCGGAAACGAACATACATGCGCTGACGGAACCTAGTTTC
C5	6-5	GTCCAGTAAACGTTAAGAGACCACGAACTGAGGTAATAACCATTAATTACCT
D5	6-6	TCCAAGGCTCGAGACCCGATTACCTGTCGCGGGACGTTCTGTACCAACCAA
E5	7-1	TTGTTCTCGGATCCTACTGAATTATACATGTTTCCGGTGACCCGGTCAACT
F5	7-2	TATCGGCCCCCTCGCGCAAGCTCACGCCGCTTGATGCCGGAATCAGTGATTT
G5	7-3	TTGGGGCCAAGCGGTGCGCGGTGTCGCAAGTTAACCGAATAGGACTACGAC
H5	7-4	CGGTTATGAACCTTGCATCTTGTCAACGTTTACTGGACTGTTCTGTTTCGCC
A6	7-5	AAAGGCGTACGACATGAACGTCGATTCTCGAGCCTTGATCGTGGTCTCTTA
B6	7-6	CTACTCGAGCGGGTTTTTTTTTTTTTTTTTTTTTTTTTTCAGGTAATCGGGT
C6	8-1	TTTTTTTTTTTTTCCIGTACTTCGGAGATCCGAGAACAATTTTTTTTTTTTT
D6	8-2	CTCCCTGATTTGTAGCTTCTTCAGGAGGGGCGCGATATATAATTTCAGTAG
E6	8-3	CTGTGAGAACGGGTACCGTCTGCGTCGCTTGGCCCCAACGTGAGCTTGCGC
F6	8-4	CAGCCGACTGAAAACGCATGCTTTATAGGTTTATAACCGGGACACCGCGCAC
G6	8-5	ATCACTGTTCCCTCTGACACCTCGGACGTCGTACGCCTTTTGACAAGATCGCA
H6	8-6	CGCGGAATTTGTTAGAATATCATTGCCCGCTCGAGTAGAATCGACGTTTCAT
A7	9-1	GGCGAATGGCGAAGTGTCAACCCCTCAAATACAGGGAGTCCGAAGTACAGG
B7	9-2	AGATCACGCTCGCCTTTCGATGCAAACCCGTTCTGACAGCTGAAGAAAGCTA
C7	9-3	CCTTACGGGCGCCCCACAAGGACGGTTTCAGTCCGCTGACGCAGACGGTAC
D7	9-4	TGCGGACCCCATGACGGTCGAGTGTGAGGAACAGTGATATAAAGCATGCGT
E7	9-5	TTGCTGCAGTGATGCAACTCCCCTAAACAAATTCGCGCGGTCCGAGGTGTCA

[Back to overview](#)

F7 9-6 AAGCTGTAGTGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCAATGATATTCTA
G7 10-1 TTTTTTTTTTTTTTAAATACGTCAGATTCGCCATTCGCCTTTTTTTTTTTTTT
H7 10-2 ATGGATGGTATTGCTACTTTTCGGACGGCGAGCGTGATCTAAGGGTTGAACAG
A8 10-3 ATGTAAATTATGTTAAAATTACAAGGCGCCCGTGAAGGTTGCATCGAAAG
B8 10-4 TTTTCGTAAATAGCCCATGTTGATTCATGGGGTCCGCACCGTCCTTGTGGG
C8 10-5 CTTAATGTATCCATCGTACATGATATATCACTGCAGCAAACACTCGACCGTC
D8 10-6 GTCTCTTCGATCGCCATCCCAGATGGACCACTACAGCTTTTAGGGGAGTTGC
E8 11-1 CAATACCATCCATTCTGACGTATTTA
F8 11-2 ACATAATTTACATCGTCCGAAAGTAG
G8 11-3 CTATTTACGAAAACCTTGTGAATTTA
H8 11-4 TGGATACATTAAGGAATCAACATGGG
A9 11-5 CGATCGAAGAGACATATCATGTACGA
B9 11-6 TTTTTTTTTTTTTCCATCTGGGATGG
C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
E10
F10
G10
H10
A11
B11
C11
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E11
F11
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A12
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H12

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Well	Name	Sequence
A1	1-1	CGGAAAAACACGAACACTTAAAAAGGCAGCTTCG
B1	1-2	TTGTGACTACAGCGTCTGGTAAAATGACTCC
C1	1-3	TCTCGAATTGTATTCAAGCATGTCCGACTGAT
D1	1-4	ACCAGCTAGTTGATGACAGACCGAAGCAAGAA
E1	1-5	CAACTTAATGCTAGGAACCTTAATTCCTTAGTG
F1	1-6	TCTGCGAGTATTCCTGTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTGAGGCTCCTGATGGCGTGTTCGTGTTTTCCGTTTTTTTTTTTTTTTT
H1	2-2	ATGTCGGGGGTCCCGCGTGTGCGATTCAATTAGACGCTGTAGTCACAACGAAGCTGCCTTTTAA
A2	2-3	TTCCCTTCGAGACACCTAGCTCAGTCAATGTGTGAATACAATTCGAGAGGAGTCATTTTACCAG
B2	2-4	TGATACCCATAATGATAGTACTTACTTCAGCATCATCAACTAGCTGGTATCAGTCGGACATGCT
C2	2-5	TAACAGAGGAGCCATCGAAGCCTCCCTACAGCTCCTAGCATTAAAGTTGTTCTTGCTTCGGTCTG
D2	2-6	TCGGGTCTATGCAAGTGTCCCGCTGATCGTGACAGGAATACTCGCAGACACTAAGAATTAAGGT
E2	3-1	GCCAAGCCGCATTTTCTCTCCCATAAGTTTTCGCGGACCCCGACATGCCATCAGGAGCCTCA
F2	3-2	TCTCTCGTCCGTCTTGTGTCAGGCGCCATAGAGTGGTGTCTCGAAGGAATAATTGAATCGACACG
G2	3-3	CCCAGGGTGATTACTCGGATGCCACATTCTCCATCATTATGGGTATCACACATTGACTGAGCTA
H2	3-4	TGACATCAAAGCGAGGCTCAGGAGGCGTGACGGATGGCTCCTCTGTATGTGAAGTAAGTACT
A3	3-5	ATGCACGACTTCAATGCGCTCGTCTTAAAGGCCACTGCATAGACCCGAGCTGTAGGGAGGCTTC
B3	3-6	CTTTCACATACAGTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCAGCATCAGCGGGCA
C3	4-1	TTTTTTTTTTTTTTTTTATCTAGTATAACAAGGAAAATGCGGCTTGGCTTTTTTTTTTTTTTTTT
D3	4-2	ATCTGAGTACAACGTGTGAAGGCTTGCAGAATCAAGACCGACGAGAGAGAACTTATGGGGAGA
E3	4-3	AGTGGGGTTTGCATGATTATATTCCTATGCCCGAGTAATCACCCCTGGGACTCTATGGCGCCTGA
F3	4-4	CCTACGAACCTGTGCGATGAGACTCTCGAGCAACCTCGCTTTGATGTCAGGAGAATGTGGCATCC
G3	4-5	GTCTGCAGCGAGTGAATTAATCGAACCAGGAGCATTGAAGTCGTGCATCGTCACGCCTCCTGAG
H3	4-6	GAATTGATCGATTTTCTTGTGGTAGAACGACGACACTGTATGTGAAAGGCCTTAAAGACGAGCG
A4	5-1	CTACTGGGAAGTTGATACGTAACCCCAATCTCACGTTGTACTCAGATCCTTGTTATACTAGAT
B4	5-2	GGACGGTAAGATCCTGTTCCATAATTACCTATCTCATGCAAACCCCACTATTCTGCAAGCCTTCA
C4	5-3	GCTACGAATCAGAGCAGTAACAGGACCCATTCTCGACAAGTTCGTAGGGGGCATAGGAATATAA
D4	5-4	TGCGCAGGCGTACAGAGGCATAGCCCGTTCATTGCACTCGCTGCAGACTTGCTCGAGAGTCTCA
E4	5-5	ATGTACAGTGAATTTGGCTCTTACAAGTGTGAAAATCGATCAATTCCTCCGGTTCGATTAAT
F4	5-6	GGCAAGCACGGTTTCATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCGTCGTTCTACCACAA
G4	6-1	TTTTTTTTTTTTTTTTTTGCGAACATTATCTTTATCAACTCCCAGTAGTTTTTTTTTTTTTTTTTT
H4	6-2	CTTCTAGGTCTACTAAACTACGCAAGATGTCCAGGATCTTACCGTCCAGATTGGGGGTTACGT
A5	6-3	CGTTAAAGCGCGGCTCTGCTCGTTTGGTCCACTGCTCTGATTCGTAGCGATAGGTAATTAGGAA
B5	6-4	CCTCACAACAAGCTGTGTCTAAGCTACCAGTATCTGTACGCCTGCGCAGAATGGGTCCGTGTTAC
C5	6-5	TCGCCACACCTATGTCTTTGGGTGACATTAACAAAATTCACTGTACATATGAACGGGCTATGCC
D5	6-6	ACTCAGGCCTCACAGCTCTTGGCGGGGGAGTGAACCGTGCTTGCCAAACACTTGTAAAGAGC
E5	7-1	GGCTGCTTCGTCGATAGATAATGTCGCCAGCTTTAGTAGACCTAGAAGAAAGATAATGTTTCGCA
F5	7-2	ATGTCTAGTCTGAAGCCATGGCGCTCCTGCGAGCCGCGCTTAAACGGGACATCTGCGTAGT
G5	7-3	CGAACGATGGGGTACCGATAGCGTTTTTTTGGACAGCTTGTGTGAGGGTGGACCAACGAGCA
H5	7-4	TGAGGTCCCATAAACCCAGCAATATAGTTGGACATAGGTGTGGCGATACTGGTAGCTTAGAC
A6	7-5	AGCCACACTCAACCACCCGTGCTATAGGTTTGGCTGTGAGGCTGAGTTTAAATGTCGACCCAAA
B6	7-6	AATCTCCCTCCGTGACTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTCCCCGCCAAGA
C6	8-1	TTTTTTTTTTTTTTTTTGGCGAAGGCTAGAACAAATCCGACGAAGCAGCCTTTTTTTTTTTTTTTT
D6	8-2	GTAGTCCCCAGCTGAAATTGATGGCCCTACCCCTCAGACTAGACATAGCTGGCGACATATCT
E6	8-3	TTTCAGCGCCCGAAATATCCTCGGCACCTTTCAGGTACCCCATCGTTCCGGCAGGAGCGCCCATGG
F6	8-4	AGGACTCGTTGTTACGATCTGCTGCGATTCTGCGGTTATGGGACCTCACGCAAAAACGCATATC
G6	8-5	ACTGCCGTTGCACCTCAGCCTTTCGTCCTCGGTGGTTGAGTGTGGGCTCAACTATATGCTGGG
H6	8-6	TTTATGGTGTGATTTACCCCCCTTATCCTGGTCACGGAGGGAGATTAACCTATAGCACGGG
A7	9-1	AGTTGTTTGCAGCGTATAATAATTACGCTGTCTTCAGCTGGGGACTACTGTTCTAGCCTTCGGC
B7	9-2	CTATCGACTTTTATTTCTAACCTGTCCGTACCATTTCCGGGCGCTGAAAGGTAGGGGCCATCAAT
C7	9-3	CGATTATTAATCACTAGCCTGACCCGGCCAGTCGTAACAACGAGTCCTTGAAGTGCAGGAT
D7	9-4	TGACATAACCCAGGACTATCACCTTCTACACTGAGGTGCAACGGCAGTCAGAATCGCAGCAGAT
E7	9-5	ATCTATGTCGTGGCGCGGCTGATGTATAGCAAAATCAACACCATAAACCGAGGACGAAAGGCT

[Back to overview](#)

F7 9-6 TACTTGACCCCTCAAATTCAGGATAAGGGGGGGT
G7 10-1 TTTTTTTTTTTTTTTTTTACATGGACCTGCAACCTACGCTGCAAACAACCTTTTTTTTTTTTTTTTTT
H7 10-2 TTGCTCATAGTTTAAGGCTGATTACGAGCATCAAATAAAAGTCGATAGGACAGCGTAATTATTA
A8 10-3 CGCGTCCGCATTAGACAGGGATACATGGTTGGTAGTGATTAATAATCGGGTACGGACAGGTTAG
B8 10-4 TCGAGTAGCGGTAGTGGGTTCTCACGGGAGAGGTCCTGGGTTATGTCAACTGGCCCGGTCAGGC
C8 10-5 CATTGGACTGCCTTGGTATGTGTGTATTAGTCGCGCCACGACATAGATAGTGTAGAAGGTGATA
D8 10-6 CGGATCATCTGAATTAACCGACCTGACGTCCTATTTGAGGGTCAAGTATGCTATACATCACCGC
E8 11-1 CTTAAACTATGAGCAAGGTTGCAGGTCCATGT
F8 11-2 GTCTAATGCGGACGCGGATGCTCGTAATCAGC
G8 11-3 CACTACCGCTACTCGACCAACCATGTATCCCT
H8 11-4 CCAAGGCAGTCCAATGCTCTCCCGTGAGAACC
A9 11-5 TAATTCAGATGATCCGGACTAATACACACATA
B9 11-6 TTTTTTTTTTTTTTTTTTAGGACGTCAGGTCGGT
C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
E10
F10
G10
H10
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Well	Name	Sequence
A1	1-1	AAGGCGAAGATGGAGGCTTCTGGTGTGCGAAAGTAAAT
B1	1-2	TTGTAACGTCGATTTGGACCGGGCGCAAGCGCTATGAG
C1	1-3	ACTGCCGCCTAAGGGGAGCGCTTATCAAATCTCTCGGG
D1	1-4	CCACCGTCCTTCTAAGGCTTAAGTGGTCAAACATTGAG
E1	1-5	AATTAGGCAGTTGACCCGAAACTTCACAGTATTCTTGG
F1	1-6	TGGCAAGATATAGATCGTATTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTTACGGTTAATGCAAACGGAGAAGCCTCCATCTTCGCCTTTTTTTTTTTTTTTTTTTTT
H1	2-2	AACATACCCCATCACATAAACGAACGGTGGACAGCCCTGTCCAAATCGACGTTACAAATTTACTTTCCGACACCAG
A2	2-3	ACGGTATTGACAAAAGTCCCTGCGGACAAAATAGATAGTGTCCCTTAGGCGGCAGTCTCATAGCGCTTGCGCCCG
B2	2-4	CAGATCTTAGGTACAGCGCTAGGCCACGAAGCAGTCCTAAGCCTTAGAAGGACGGTGGCCCGAGAGATTTGATAAGC
C2	2-5	AAGTTGCCTCACAGAGTACTCTAACGTACTTATGGGTATCGGGTCAACTGCCTAATCTCAATGTTTGACCACTTA
D2	2-6	TCAAACGTGCCTTACATATCAATAGGGGTGAATAAGCTACGATCTATATCTTGCCACCAAGAATACTGTGAAGTT
E2	3-1	CCTATACCTGAGATTTCTGGTGGCTGATCTATCCTTTTATGTGATGGGGTATGTCTCCGTTTGCATTAACCGT
F2	3-2	CAAAGCTGGTTTGGCCACGCAACCGAAACGCGGACAGGGACTTTTGTCAATACCGTAGGGCTGTCCACCGTTCGT
G2	3-3	TACTTAGGGCTCGTTAATAGAACATCAAGAGGAGAACTAGCGCTGACCTAAGATCTGACTATCTATTTGTCGCCAG
H2	3-4	GGCACAGCACCCGTACTGGGATCGGGATCTATGACGCTGTACTCTGTGAGGCAACTTTAGGACTGCTTCGTGGCCT
A3	3-5	GGTACGCAGGAAGTAGCAAGTACGCGCGCATCGTGGGTATGTGAAGGCACGTTTGATAACCATAAGTACGTTAGA
B3	3-6	GGTTGCGGTACCTTAACCCTTTGCTTATTCACCCCTATTGA
C3	4-1	TTTTTTTTTTTTTTTTTTTAAAGATCTACTTGACTGTGAGAAATCTCAGGTATAGGTTTTTTTTTTTTTTTTTTTT
D3	4-2	AGGCGATGAAAGGAGAAATGCTCAGAACGTTACGGGAGGTGGCCAAACCAGCTTTTGAAGTGATAGATCAGCCAGC
E3	4-3	GTCCCAAGTGATGAGAGTCCATTATCTCCCATACTGTATTAACGAGCCCTAAGTACTGTCCGCGTTTCGGTTGC
F3	4-4	GTATCTTTTGTCTGGACTCTTGGCAAACCCATGAAAGACCAGTACGGGTGCTGTGCCAGTTCTCCTCTTGATGTTT
G3	4-5	GACAGACTCTGACTTAGCAGTCATTCCTTTTTCGCGCGTTTGTACTTCTGCGTACCAGCGTCATAGATCCCGATC
H3	4-6	CAGGTTTCCGGCCAATAGCGTGGTTCACAAGCAGTGCAGGTTAAGGTACCGCAACCCCGCAGATGCGCGCGTAC
A4	5-1	GAGGCCGACGTCGGGAGACTACACGGGACGTCGCAGTAATTTCTCCTTTCATCGCCTACAGTCAAGTAGGATCTTT
B4	5-2	GCCGGCACGGTAATATGTAGCCATGTGGCTCCGGAAGTACTCTCATCACTTGGGACCTCCCGTAACGTTCTGAGC
C4	5-3	ATGCGATTTTTATCATAACTGCTGATAAATATCAGCGTGAGTCCGAGCAAAAAGATACCACGTATGGGGAGATAATG
D4	5-4	CTTCGGGTATGCGGGCAGGCAGGGAACACAGGAGAGGTTGCTAAGTCAGAGTCTGTCTCTTTCATGGGTTTGCCAA
E4	5-5	CGGGCCTAGATAGAATGAAGTCGGAGAAAACGGGAAAACGCTATTGGCCGAAAACCTGACGCGGAAAAGGAATGAC
F4	5-6	ACGCTGGATTCTACAAAGTTCGCACTGCTTGTGAACCAC
G4	6-1	TTTTTTTTTTTTTTTTTTTATGTGCATCGTAGTGGATGTCTCCCGACTGCGGCCTCTTTTTTTTTTTTTTTTTTTTT
H4	6-2	CGCGATAGAAGTGCTTGGACGTACCCACAAAGGGAATTACATATTACCGTGCCGGCTACTGCGACGTCCCGTGTA
A5	6-3	TGCACACAATGGATAGTAGGAGACAAAGTCTCGTGTGCTTATGATAAAAATCGCATACTTCCGGAGCCACATGGC
B5	6-4	TAGGCACTGGGTTAGTATGTGCCTAACTAAGCAACGTCCTGCCCCATACCCGAAGACGCTGATATTTATCAGCA
C5	6-5	CCAGTTATCTTTGCGCAACACGCGGCCCAACGGGCGTTCATTCTATCTAGGCCGACCTCTCCTGTGTTCCCTG
D5	6-6	GTAACGTCGGGATCAATTACAAACTCTCCGCGTGCTCCTTGTAGGAATCCAGCGTGTTCCTCCGTTTCTCCGAC
E5	7-1	CCGTCTCATTTAGTAACCTGCAGGGCCCGGATAATGCTCAAGCACTTCTATCGCGATCCACTACGATGCACAAT
F5	7-2	CGTAGCGATAGTTTTGCACCATGTAGGCAATTTTCTACCTACTATCCATTGTGTGCAATTCCTTTTGTGGGTACGT
G5	7-3	AGCATCGTCAGTAACAGGCCCTCCGTGCTACTCCGGCATCATACTAACCAGTGCCTAGACACGAGAACTTTGTCTC
H5	7-4	GTTGAGGGCTGACCGCCTTACTCCCGGTTAAGATTCACTTGCAGCAAGATAACTGGACGTTGCTTAGTTAGGCGA
A6	7-5	GTAGTGAATAACTATTACGGTATAAGGCTATATGCCGTAATTGATCCGGCAGTTACCGCCGTTGGGCCCGCGTG
B6	7-6	GCGTCCGCTACCCAACCTTAGGCACGCGGAAGAGTTTG
C6	8-1	TTTTTTTTTTTTTTTTTTTCTAACTTGGTCGCTCGTTGGTTACTAAATGAGGACGGTTTTTTTTTTTTTTTTTTTT
D6	8-2	GAGAGACAACCAAAGGTTATTTACCTTCCCTGAGTACGTGCAAACTATCGCTACGCATATCCGGCGGCCCTGCA
E6	8-3	TACCGTATTATCCGCGTATATGAGTGTGCTGTGCAGAGCCTGTTACTGACGATGCTGTAGAAAATGCTTACATG
F6	8-4	CTGCATCACTCGGAAACGACTCTGGCAATGTCGCACGAAAGGGGTCAGCCCTCAACATGCCGGAGTACGACGGAG
G6	8-5	GGCGTTGGAATTGACCTCTGAATGTCAAACCTTAACATGTAATAGTATTTTCACTACGTGAATCTTAACCGGGAGT
H6	8-6	TCGTACGGTGCCGGGATAAATGTCTGTGACGACCCCTGGTTGGGTAGACGGAACCGCGCATATAGCCTTATACC
A7	9-1	CTGTGCCGCATAGTCTGACAAAAGCCGACTTAGATCACAACCTTTGGTTGTGCTCTCAACGAGCGACCAAGTTAGA
B7	9-2	TGACCTTCGAACAATCCTATTAAGCACCACCGATCGACTACGCGGATAATACGGGTAGTACTCAGGGAAGGTAAAT
C7	9-3	CTCGGATACGATAACCCCTGGCTATCCACTTGAGTAAAATCGTTTCCGAGTGATGCACTGTGCACACGACACTCATA
D7	9-4	GTCGGTGTGCTGACCATGCTTGCCTGACATGCCCTTCTAGAGGTCAATTCACGCGCTCGTGCACATTGCCAGAG
E7	9-5	CTATATGTTTGGGCGATGCAACTAGAGCTATAACAATTTATCCGGCACCGTACGAATGTTAAGTTTGCACATTC

[Back to overview](#)

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[Back to overview](#)

Well	Name	Sequence
A1	1-1	GACTCGGATCTCTTCAACTGGTATAAGCTCATGTGCTAGGAT
B1	1-2	GCGGGAACCGACTTCAAACCTTCTCAAGCCCTGGACCAACGG
C1	1-3	AAACCGATCTAGCCTCAGGCACATTTGTATCTCCATCCACA
D1	1-4	TACCACCGCAGAACCTCGCCGCTGCGTTTCGAAACAATCGGA
E1	1-5	AGTTTTGTTCGGGATGTGCTTCTCCTTCAGGTTTTTCTTTTAC
F1	1-6	ATTATCATATATCCTATTCATTTTTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTTTTCGCGGTTAAGTCTTCTCAATCCCAGTTGAAGAGATCCGAGTCTTTTTTTTTTTTTTTTTTTTT
H1	2-2	TGAGCGGCCCTACCCCTCAGACCGAGCGCAATGCAAGAGTCTAAGTTTGAAGTTCGGTTCGCCGATCCTAGCACATGAGCTTATA
A2	2-3	CTGGAATCGGACGTCAGCCCTAGATCTGTTTTGATCTTCGGCGCTGAGGCTAGATCGGTTTCCGTTGGTCCAGGGCTTGAGA
B2	2-4	CAAAAAATTTGTTGGCTTACGTACATGTCTGTCGCTCTAACCCGCGAGGTTCTGCGGTGGTATGTGGATGGAGATACAAATGT
C2	2-5	CTTTGTTATCGGTACAGATGCGCCTCCGACTACTTACTTTCACGAAGCACATCCCGAACAACTTCCGATTGTTTCGAACGCAGG
D2	2-6	TGTATGACAGGTGAAAATACTGTAACCTCCTATCATAGAGATATGAATAGGATATATGATAATGTAAAAGAAAACTGAAGGA
E2	3-1	ATGACGAGGCCGCTCTTGCCGTACAGGTAGGTATATATGTCTCTGAGGGTAGGGGCGCTCAGATTGAGAAGACTTAACCGCG
F2	3-2	TCGCGACCTGATGTGGGCTACTTCTAATATGTAGTGTGTCACGGGCTGACGTCCGATTCCAGAGACTCTTGCATTGCGCTCGG
G2	3-3	GACGAGCTAGGCGAGTGAAGTGGCCACCGAGCTGGTATTATCGTAAAGCCAACAATTTTTGCGGAAGATCAAAAAGATCTA
H2	3-4	ACTTTAATCGCGCCGTGTAATACTTGGTGTCTCCGGTCGTAGCATCTGTACCGATAACAAGGGTTAGAGGCCACGACATGTA
A3	3-5	GCGACGGGTTACTTCCAGGGTCTCCAAAACACGCGCGGTACAGTATTTTACCTGTCATACAGTGAAGTAAGTAGTCGGAGGC
B3	3-6	GAATTCGCCTTGAGTAATACCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATCTCTATGATAGGAGGTTAC
C3	4-1	TTTTTTTTTTTTTTTTTTTTTGTCTGTACGGAGAGAATGAATGGCAAGAGCCGCTCGTCATTTTTTTTTTTTTTTTTTTTTT
D3	4-2	GCTCAACCCACGGAACAATAAGGCATCCATGGGCGAGAAGCGGTAGCCACATCAGGTCGCGAGACATATATACCTACCTGTAC
E3	4-3	ACTGCCAGTCTGGGCTGATGAAGGGTCTGAAGCAGAAGGCCCTTCCACTCGCCTAGCTCGTGCAGACACTACATATTAGAA
F3	4-4	GAATGAAAATCTGTCAACAGTTTATGGTTAACTACGGACACTTTACAACGGCGGATTAAGTATAATACCAGCTCGGTGGCCA
G3	4-5	AGTGTACCTGTGTCGATTGACACGGAGCTCAGCGGAACCCCTGGAAGTAACCCGTCGCTACGACCGGAGACACCAAGTA
H3	4-6	CCACACAGTGCCTTTTATGCAGTGTGAATTAACGAGGTGTGGGTATTACTCAAGGCGAATTCGTGACCGCGCTGTTTTGGAG
A4	5-1	GGGCACACCTACGTGAAATTCAGATACGGGTAATAATTGTAGTTATGTTCCGTGGGTTGAGCATTCAATCTCTCCGTACAAGC
B4	5-2	CCGATCCGCTCTGCACGTACACACAGAGTCGTCAAATTCGCATCAGCCAGGACTGGCAGTTCGCTTCTGCCCATGGATGCC
C4	5-3	ATCGTCTGTTTAGTGAAGGGATGTCGCTGACGTAGATACCAGCTGTTGACAGATTTTCATTCGGCCTTCTGCTTACGACCCTT
D4	5-4	GTACCTTCTGTACGACCAGCTGAAGTTGGAAGCGAGTTGGGCTCAATCGACACAGGTAACACTAGTGTCCGTAGTTAACCATAA
E4	5-5	TCCGAGGCTTACGTTGGGAGGCCAAAAAGATCACCGCTGCCATGCATAAAAACGCACTGTGTGGGGTTCCGCGTGAAGCTCCGTG
F4	5-6	TTAGGGCTGCAGACTAATAGATTACACCTCGTATAAATTCACAC
G4	6-1	TTTTTTTTTTTTTTTTTTTTTATCGTAGGTTCCGGCCGACGGAATTCACGTAGGTGTGCCCTTTTTTTTTTTTTTTTTTTTTT
H4	6-2	GCATGTCCAGTGTGTTGTCGACTGGATCACTAGATTTGGGCATGTACGTGCAGAGCGGATCGGCTACAATTATTACCCGTATCT
A5	6-3	ACCACCCCGGATTGACTACGGGATCCCTCTAAGTCACATACCCTTGCCTAAACAGACGATCGAATTTTGACGACTCGTGTG
B5	6-4	TCGATGATTTCCCGAGGAGCGACAGAGCTTCTCGCAATTTCAAGCTGGTCTGACAGAAGGTACCGGTATCTACGTACGGACAT
C5	6-5	GGCCGAGTGTATCCCTATGGCGAAGGCCATGAAGAAGCCCTCCACGTGAAGCCTCGGAGCCCAACTCGCTTCCAACCTC
D5	6-6	CCTTCGACTGGCCGGGGCATGGTCGAGCTGTGGCAACCTTTCTATTAGTCTGCAGCCCTAATGGCAGCGGTGATCTTTTTGG
E5	7-1	GAGGGCGATCCCAAGACAATTGATACAATTGGATGTAAAGCTCGGACAAACACTGGACATGCCGTCCGGCCGAACCTACGATA
F5	7-2	AAATGTTTGGGGGCCAGATCCAGGAAAATTAGACCGCATGCCCGTAGTCAATCCGGGGTGGTTGCCAAAATCTAGTGATCCAG
G5	7-3	GACCCAAAAATGAAATGCAGCAATCACACATTCACCTACAACCGCTCCTCGGAAATCATCGAGTATGTGACTTAGAGGGAATC
H5	7-4	ATCCTCCCGTCTAGTTGTAGGATGTCTCCGGATGGTCCACCATAGGGATAGCACTGCGGCCTGAAATTGCGAGAAGCTCTGT
A6	7-5	CACAAGCGTGGATTAGAAATCTTCAATCCAGCGTCGCACATATGCCCCCGCCAGTCGAAGGGGGCTTCTCATGGCCTTCGC
B6	7-6	AGAGGAATGACTCACCTCAAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAGGGTTGCCACAGCTCGACC
C6	8-1	TTTTTTTTTTTTTTTTTTTTTCTACCTTGAATAACTTTGTAATTGCTTGGGATCGCCCTCTTTTTTTTTTTTTTTTTTTTTT
D6	8-2	CCCGGTTGCTAGTCATAAGAGTTCCATATGCAATGATAAGTGATCTGGGCCCCAAACATTTGCCTTAGCATCCAATTGTATC
E6	8-3	TTTGTATGATGCCAGGTTCTAGTGCCCTGTAGGTACAAGTGTGCTCATTTTGGGTTCGATGCGGTCTAATTTTCCCTG
F6	8-4	CGGCTAACATCTGATGCAGTTAATCCAATAGATCATAAGTCGCCTACAACCTAGACGGGAGGATTTTGTAAAGTGAATGTGTGATT
G6	8-5	GCTGATATCCGGACCTCAATTACGGTTTAAATAGTATATTACATTTCTAATCCACGCCTTGTGGTGGACCATCCGGGACGACAT
H6	8-6	ACAGGACGGCTGCATATAGCGCCATGTTGGACGCAGCTCATTTCTGAGGTGAGTCATTCCTCTATGTGCGACGCTGGATTGAAG
A7	9-1	GCGACAGTTGTCTTAGGGTTCGATGCCCTCGCTGTATCTATCTCTATGACTAGCAACCGGGACAAAAGTTATTCCAAGGGTAG
B7	9-2	CGACGTAAGCCATTACGCTGAGGCCATCCAGCTCCCTTAAACAGGAACCTGGCATCATACAAAACCTATCATTTGCATATGGAAA
C7	9-3	TGACGATTAGCATGTATAACCTTCGCACTGCCAGTTTCGAGAACTGCATCAGATGTTAGCCGACCTTGTACCTACAGGGCACT
D7	9-4	CGAGCCCGAAGCGGAGGAAGGAGATTGACCGGCATTTACCTTAATTGAGGTCCGGATATCAGCCGACTTATGATCTATTGGATT
E7	9-5	TAAACGCGGGAGAGGATCACAGTGGGACTGCGGGGCGAGTTTCGCTATATGCAGCCGCTCTGTGTAATATACTATTTAAACCGT

m1_1T

Well	Name	Sequence
A1	1-1	GCCGGTGCATATGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTAGCACGT
C1	1-3	AACAGAGAGGTATCTCCAAAGA
D1	1-4	ACTTAGTTACCGTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTGCCATTGAGCTTATGACACCGGCTTTTTTTTTT
H1	2-2	GAGACGGCGTCTGTCCGCGAACTAGCCGTTGAGGCTCTCTGGTCC
A2	2-3	CTGGGCGGATGTTTACAGTGCGTTACCTCTCTGTTTACGTGCTAA
B2	2-4	TCCGATTGCTATGACGCATTGTTCCGTAAGTTTCTTTGGAG
C2	2-5	CAACATCTGCATGCAGCTGTAGTCCAGCTTTTACACTTCAACGAGC
D2	2-6	ATCTGCCGCGGTTAGTTGCTGTGTATCTGTAACTGCGTCACCG
E2	3-1	CACGGAACGGCATTTCGAACGTGTGACGCGCTCTCTGCTCAATGGC
F2	3-2	TCGTCTTAGGCCTCTGGACTTCTCATCCGCCAGTGTTCGCGGAC
G2	3-3	TTCCGGATCGACTCCTCGCCATTTAGCAATCGGATCGCACTGTAA
H2	3-4	TTACCTAGAAATTACCCGATGATTGCAGATGTTGTACAATGCGTC
A3	3-5	GAACTGGCAAGTGTGCTATATCCGCGGCAGATTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTTTTTTTTTTTTTTTTTTTTTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTGGTTTCGAGATTGCCGTTCCGTGTTTTTTTTTT
D3	4-2	GATTAGAGCATTAATCTCTTTCTGGCCTAGGACGATCAGTTCGA
E3	4-3	GCTGAGGTGTGTCGAGAAACATGTCGATCCGGAATGAAGTCCAG
F3	4-4	TCTAGGAAACCTCGGATATGTGATTTCTAGGTAATATGGCGAGG
G3	4-5	CGGCAGTTTAAATGACCTGCTCTTCTTCCAGCTTCTTCATCGGGT
H3	4-6	GAACTAAATATCTTACACCCTATTTCCATCTTCCGTTATAGCAAC
A4	5-1	GGTCGGATCACTTCCCGCAACTATGCTCTAATCTTCTCGAAACC
B4	5-2	GAACCTCGTCTCCTGCTCAGGGTTCACACCTCAGCTGAAAGAGATT
C4	5-3	CTAATAATAAGCTGTGCCTAGCTGGTTTCTAGATTGTTTCTCGG
D4	5-4	TGAGCAAAGCAGTACACAAAGGTTAAACTGCCGTCACATATCCG
E4	5-5	ACCATCACCCATCGATTCTCATGATATTTGTTCTAGAGCAGGTC
F4	5-6	TAGCAAACCTCAGTTTTTTTTTTTTTTTTTTTTTATAGGGTGTA
G4	6-1	TTTTTTTTTTTTCTAGCTCACCTAGTGATCCGACCTTTTTTTTTTT
H4	6-2	ACTTCACTATTTTAAAGGTGTTGTGGAGACGAGTTCTGTGGCGGG
A5	6-3	ATTTAGACTAGTTCGCCTGGATTGCTTATTATTAGTACCCTGAGC
B5	6-4	CAGAAAGTGAGTGGCCTCAGGTTCTGCTTTGCTCATGCTAGGCAC
C5	6-5	GGTCAGGTCAATCGGTCTCTCTTAGGGTGATGGTTCCTTTGTGT
D5	6-6	AAAGCTCGGATTTAGCGCCCGTCTGAGTTTGCTATTGAGAATCG
E5	7-1	TTGCACGACCGTTATCGTCTCTTAATAGTGAAGTTGGTGAGCTAG
F5	7-2	ACTTACACGCCTTGAATAAGTCTAGTCTAAATTCACACCTTA
G5	7-3	AATAATTACCTCTACATACGCTTCTCACTTTCTGTATCCAGGCGA
H5	7-4	CTGGTCATCTCATGAATGAGAATTTGACCTGACCTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTATGAGACGCTATCCGAGCTTTTGAGATGACCG
B6	7-6	GTCACTCAAGTCTTTTTTTTTTTTTTTTTTTTTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTGGACATTCCTTACGGTCGTGCAATTTTTTTTTT
D6	8-2	TGCGAAGGCCGTAAGCTGGCAGTGGCGTTGTAAGTTAGAGACGAT
E6	8-3	TGCAGGCGGGCTCAAAGGATAATGAGGTAATATTTCTTATTTCA
F6	8-4	GCTTCCGTTGCTTGATGCCATTTTGAGATGACCAGTAGCGTATGT
G6	8-5	CAGGCGAAATCTAGCGTTGGCTTCCATTACGCTATTTCTCATTC
H6	8-6	AGCGCTGGAGGTGCTCAATGTTTGACTTGAGTGACTGCGTCTCAT
A7	9-1	AATCTCCCACGCTATTGGACCTTCGGCCTTCGCATAGGAATGTCC
B7	9-2	TCAGTGTATACCTGACTGTAAATGCCCGCTGCATCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTGGTCTGACTGCAACGGAAGCTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTCTGCTGGGATGATTTCCGCTGTAATGGCATCA
E7	9-5	GCCGGAATTTGCTTAGCATTTATCTCCAGCGCTTAGCCAACGCT

[Back to overview](#)

F7	9-6	ATTACCTTTATTTTTTTTTTTTTTTTTTTTTTTTTTTTAAACATTGAGC
G7	10-1	TTTTTTTTTTTTCTGTCTCGTATGCGTGGGAGATTTTTTTTTTTT
H7	10-2	TAGTAAACTCCTAAGGCTACCCTGGTATACTGATAGGTCCAAT
A8	10-3	TGTAAGTCGATTTAAACCACTGTCTGTGCGAAGGCTTTTACAGTC
B8	10-4	CAGAAATATTGTAACCTGTGATTTGGATACCTAGACTGTCAGACCA
C8	10-5	TGAGAGCTCTGTATGAATTCGCTGCAAATTCGGCTTCCCAGCAG
D8	10-6	TTTCCTAGTTGTAATATCCACGTAATAAAGGTAATTTAAATGCTA
E8	11-1	GGAGTTTACTATTACGAGACAG
F8	11-2	ATCGACTTACATGGGTAGCCTT
G8	11-3	CAATATTTCTGTCAGTGGTTTA
H8	11-4	CAGAGCTCTCATAATCACAGTT
A9	11-5	CAACTAGGAAATGCGAATTCAT
B9	11-6	TTTTTTTTTTTTTCGTGGATATT
C9		
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H12		

m1_2T

Well	Name	Sequence
A1	1-1	GCCGGTGTCAATTTGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTTAGCACGT
C1	1-3	AACAGAGAGGTATTCTCAAAGA
D1	1-4	ACTTAGTTACCGTTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTTCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTGGCCATTGAGCTTTATGACACCGGCTTTTTTTTTTT
H1	2-2	GAGACGGCGCTCTTGTTCGGCGAACTTAGCCGTTGAGGCTTCTCTGGTCC
A2	2-3	CTGGGCGGATGTTTTACAGTGCCTTACCTCTCTGTTTTACGTGCTAA
B2	2-4	TCCGATTGCTATTGACGCATGTTTTCGGTAAGTAAAGTTTTCTTTGGAG
C2	2-5	CAACATCTGCATTGCAGCTGTAGTTCAGCTTTACACTTTCAACGAGC
D2	2-6	ATCTGCCGCGGTTTTAGTTGCTGCTTGTATCTGTAACCTTGCCTCACCG
E2	3-1	CACGGAACGGCATTTCGAACGTGTTGACGCGCTCTTGTCTCAATGGC
F2	3-2	TCGTCTTAGGCTTCTGGACTTCTTCATCCGCCAGTTGTTGCGCGAC
G2	3-3	TTCCGGATCGACTTCTTCGCCATTTTAGCAATCGGATTTCGCACTGTAA
H2	3-4	TTACCTAGAATTTTACCCGATGATTGACAGATGTTGTTACAATGCGTC
A3	3-5	GAAGTGGCAAGTTGTTGCTATATTCGCGGCAGATTTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTTTTTTTTTTTTTTTTTTTTTTTTTTTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTTGGTTTCGAGATTTGCCGTTCCGTGTTTTTTTTTTT
D3	4-2	GATTAGAGCATTTAATCTCTTTCTTGGCCTAGGACGATTCACGTTCGA
E3	4-3	GCTGAGGTGTGTTCCGAGAAACATTGTCGATCCGGAATTGAAGTCCAG
F3	4-4	TCTAGGAAACCTTCGGATATGTGTTATTTCTAGGTAATATGGCGAGG
G3	4-5	CGGCAGTTTAAATTGACCTGCTTTTCTTGCAGCTTCTTTCATCGGGT
H3	4-6	GAACAAATATCTTTACACCTATTTTCCATCTTCCCGTTTATAGCAAC
A4	5-1	GGTCGGATCACTTTCCCGCCAACTTATGCTCTAATCTTCTCGAAACC
B4	5-2	GAACCTCGTCTCCTTGCTCAGGGTTTACACCTCAGCTTGAAAAGAGATT
C4	5-3	CTAATAATAAGCTTGTGCCTAGCTTGGTTTCTTAGATTTGTTTCTCGG
D4	5-4	TGAGCAAAGCAGTTACACAAAGGTTTTAAACTGCCGTTTACATATCCG
E4	5-5	ACCATCACCCATTTCGATTCTCATTGATATTTGTTCTTAGAGCAGGTC
F4	5-6	TAGCAAACCTCAGTTTTTTTTTTTTTTTTTTTTTTTTTTTATAGGGTGTA
G4	6-1	TTTTTTTTTTTTTCTAGCTCACCTTAGTGATCCGACCTTTTTTTTTTTT
H4	6-2	ACTTCACTATTTTTAAGGTGTTGTTGGAGACGAGTCTTGTGCGGG
A5	6-3	ATTTAGACTAGTTTCGCCTGGATTTGCTTATTATTAGTTACCCTGAGC
B5	6-4	CAGAAAGTGAGTTGGCCTCAGGTTTCTGCTTTGCTCATTGCTAGGCAC
C5	6-5	GGTCAGGTCAATTTCGGTCACTCTTTAGGGTGATGGTTTCCTTTGTGT
D5	6-6	AAAGCTCGGATTTTAGCGCCGGTTCTGAGTTTGTCTATTGAGAATCG
E5	7-1	TTGCACGACCGTTTATCGTCTCTTTAATAGTGAAGTTGGTGAGCTAG
F5	7-2	ACTTACAACGCCCTTTGAAATAAGTTCTAGTCTAAATTTCAACACCTTA
G5	7-3	AATAATTACCTCTTACATACGCTTTCTCACTTTCTGTTATCCAGGCGA
H5	7-4	CTGGTCATCTCATTGAATGAGAATTTTGACCTGACCTTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTTATGAGACGCTTATCCGAGCTTTTGGAGATGACCG
B6	7-6	GTCACTCAAGTCTTTTTTTTTTTTTTTTTTTTTTTTTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTTGGACATTCCTTTACGGTCGTGCAATTTTTTTTTTT
D6	8-2	TGCGAAGGCCGTTAAGCTGGCAGTTGGCGTTGTAAGTTTAGAGACGAT
E6	8-3	TGCAGGCGGGCTTCAAAGGATAATTGAGGTAATATTTTCTTATTTC
F6	8-4	GCTTCCGTTGCTTTGATGCCATTTTGGAGATGACCAGTTAGCGTATGT
G6	8-5	CAGGCGAAATCTTAGCGTTGGCTTCCATTCACGCTATTTTCTCATTC
H6	8-6	AGCGCTGGAGGTTGCTCAATGTTTTGACTTGAGTGACTTGGCTCTCAT
A7	9-1	AATCTCCCACGCTTATTGGACCTTTTCGGCCTTCGCATTAGGAATGTCC
B7	9-2	TCAGTGTATACCTTGACTGTAAATGCCCCGCTGCATTCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTTGGTCTGACTTGCAACGGAAGCTTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTTCTGCTGGGATTGATTTCCGCTGTTAATGGCATCA
E7	9-5	GCCGGAATTTGCTTTAGCATTTATTCCTCCAGCGCTTTAGCCAACGCT

[Back to overview](#)

F7	9-6	ATTACCTTTATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAACATTGAGC
G7	10-1	TTTTTTTTTTTTTCTGTCTCGTATTGCGTGGGAGATTTTTTTTTTTTTT
H7	10-2	TAGTAAACTCCTTAAGGCTACCCTTGGTATACACTGATTAGGTCCAAT
A8	10-3	TGTAAGTCGATTTTAAACCACTGTTCTGTGCGAAGGCTTTTACAGTC
B8	10-4	CAGAAATATTGTTAACTGTGATTTTGGATACCTAGACTTGTCAGACCA
C8	10-5	TGAGAGCTCTGTTATGAATTCGCTTGCAAATCCGGCTTTCCCAGCAG
D8	10-6	TTTCCTAGTTGTTAATATCCACGTTAATAAAGGTAATTTTAAATGCTA
E8	11-1	GGAGTTTACTATTTACGAGACAG
F8	11-2	ATCGACTTACATTGGGTAGCCTT
G8	11-3	CAATATTTCTGTTTCAGTGGTTA
H8	11-4	CAGAGCTCTCATTAATCACAGTT
A9	11-5	CAACTAGGAAATTGCGAATTCAT
B9	11-6	TTTTTTTTTTTTTTCGTGGATATT

C9
D9
E9
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G9
H9
A10
B10
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E10
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A12
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H12

m1_4T

Well	Name	Sequence
A1	1-1	GCCGGTGTCAATTTTTGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTTTTAGCACGT
C1	1-3	AACAGAGAGGTATTTTCTCCAAAGA
D1	1-4	ACTTAGTTACCGTTTTTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTTTTTCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTGCCATTGAGCTTTTTATGACACCGGCTTTTTTTTTTTTTT
H1	2-2	GAGACGGCGTCTTTTTGTCGGCGAACTTTTAGCCGTTGAGGCTTTTCTCTGGTCC
A2	2-3	CTGGGCGGATGTTTTTACAGTGCCTTTTTACCTCTCTGTTTTTACGTGCTAA
B2	2-4	TCCGATTGCTATTTTGACGCATTGTTTTTCGGTAACTAAGTTTTTCTTTGGAG
C2	2-5	CAACATCTGCATTTTGCAGCTGTAGTTTTCCAGCTTTACACTTTTTCAACGAGC
D2	2-6	ATCTGCCGCGTTTTTGTGCTGCTTTTGTATCTGTAACCTTTTGCCTCACCG
E2	3-1	CACGGAACGGCATTTTTCGAACGTGTTTTGACGCCGCTCTCTTTTGCTCAATGGC
F2	3-2	TCGTCTTAGGCCTTTTCTGGACTTCTTTTCATCCGCCAGTTTTGTTCGCCGAC
G2	3-3	TTCCGGATCGACTTTTCTCGCCATTTTTTAGCAATCGGATTTTCCACTGTAA
H2	3-4	TTACCTAGAAAATTTTACCCGATGATTTTGCAGATGTTGTTTTACAATGCGTC
A3	3-5	GAAGCTGGCAAGTTTTGTTGCTATATTTCCGCGGCAGATTTTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTTTGGTTTCGAGATTTTGGCGTTCGGTGTTTTTTTTTTTTTT
D3	4-2	GATTAGAGCATTTTAACTCTTTCTTTTGGCCTAGGACGATTTTACAGTTCGA
E3	4-3	GCTGAGGTGTGTTTTCCGAGAAACATTTTGTGATCCGGAATTTGAAGTCCAG
F3	4-4	TCTAGGAAACCTTTTCGGATATGTGTTTTATTTCTAGGTAATTTATGGCGAGG
G3	4-5	CGGCAGTTTAAATTTGACCTGCTCTTTTCTTGCCAGCTTCTTTTTCATCGGGT
H3	4-6	GAACAAATATCTTTTACACCCTATTTTCCATCTTCCCGTTTTTATAGCAAC
A4	5-1	GGTCGGATCACTTTTCCCGCAACTTTTATGCTCTAATCTTTTTCTCGAAACC
B4	5-2	GAACTCGTCTCCTTTTGTCTCAGGGTTTTTACACCTCAGCTTTTGAAGAGATT
C4	5-3	CTAATAATAAGCTTTTGTGCCTAGCTTTTGGTTTCTAGATTTTGTCTCGG
D4	5-4	TGAGCAAAGCAGTTTTTACACAAAGTTTTTAAACTGCCGTTTTACATATCCG
E4	5-5	ACCATCACCTATTTTCGATTCTCATTTTGTATTTGTTCTTTTAGAGCAGGTC
F4	5-6	TAGCAAATCAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAGGGTGTA
G4	6-1	TTTTTTTTTTTTTTCTAGCTCACCTTTTAGTGATCCGACCTTTTTTTTTTTTTT
H4	6-2	ACTTCACTATTTTTTAAAGGTGTTGTTTTGGAGACGAGTCTTTTGTGGCGGG
A5	6-3	ATTTAGACTAGTTTTTCGCCTGGATTTTGTCTATTATTAGTTTTACCCTGAGC
B5	6-4	CAGAAAGTGAGTTTTGGCCTCAGGTTTTTCTGCTTTGCTCATTTTGTAGGCAC
C5	6-5	GGTCAGGTCAATTTTCCGGTCACTCTTTTTTAGGGTGATGGTTTTTCTTTGTGT
D5	6-6	AAAGCTCGGATTTTTTACGCGCCGGTTTTCTGAGTTTGTCTATTTTGAAGATCG
E5	7-1	TTGCAGCAGCGTTTTTATCGTCTCTTTTTAATAGTGAAGTTTTGGTGAGCTAG
F5	7-2	ACTTACAACGCTTTTTGAAATAAGTTTTCTAGTCTAAATTTTTCAACACCTTA
G5	7-3	AATAATTACCTTTTTACATACGCTTTTTCTCACTTCTGTTTTATCCAGGCGA
H5	7-4	CTGGTCATCTCATTTTGAATGAGAATTTTTGACCTGACCTTTTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTTTTATGAGACGCTTTTATCCGAGCTTTTTTGTAGATGACCG
B6	7-6	GTCACCAAGTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTTTGGACATTCCTTTTACGGTCTGCAATTTTTTTTTTTTTT
D6	8-2	TGCGAAGGCCGTTTTAAGCTGGCAGTTTTGGCGTTGTAAGTTTTTAGAGACGAT
E6	8-3	TGCAGGCGGGCTTTTCAAAGGATAATTTGAGGTAATATTTTTCTTATTTCA
F6	8-4	GCTTCCGTTGCTTTTTGATGCCATTTTTTGTAGATGACCAGTTTTAGCGTATGT
G6	8-5	CAGGCGAAATCTTTTAGCGTTGGCTTTTCCATTACGCTATTTTTTCTCATTC
H6	8-6	AGCGCTGGAGGTTTTGCTCAATGTTTTTGGACTTGAGTGACTTTTGGCTCTCAT
A7	9-1	AATCTCCCACGCTTTTATTGGACCTTTTCCGGCCTTCGCATTTTAGGAATGTCC
B7	9-2	TCAGTGTATACCTTTTACTGTAAATTTTGGCCGCTGCATTTTCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTTTTGGTCTGACTTTTGAACGGAAGCTTTTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTTTTCTGCTGGGATTTTGAATTCGCCTGTTTTAATGGCATCA
E7	9-5	GCCGGAATTTGCTTTTTAGCATTTATTTTCTCCAGCGCTTTTLAGCCAACGCT

[Back to overview](#)

F7 9-6 ATTACCTTTATTAAACATTGAGC
G7 10-1 TTTTTTTTTTTTTTCTGTCTCGTATTTTGGGTGGGAGATTTTTTTTTTTTTTTT
H7 10-2 TAGTAAACTCCTTTTAAAGGCTACCCTTTTGGTATACACTGATTTTAGGTCCAAT
A8 10-3 TGTAAGTCGATTTTTTAAACCACTGTTTTCTGTGCGAAGGCTTTTTTACAGTC
B8 10-4 CAGAAATATTGTTTTAACTGTGATTTTTGGATACCTAGACTTTTGTGACACCA
C8 10-5 TGAGAGCTCTGTTTTATGAATTCGCTTTTGCAAATCCGGCTTTTTCCAGCAG
D8 10-6 TTTCCCTAGTTGTTTTAATATCCACGTTTTAATAAAGGTAATTTTTTAAATGCTA
E8 11-1 GGAGTTTACTATTTTTACGAGACAG
F8 11-2 ATCGACTTACATTTTGGGTAGCCTT
G8 11-3 CAATATTTCTGTTTTCAGTGGTTTA
H8 11-4 CAGAGCTCTCATTTTAAATCACAGTT
A9 11-5 CAACTAGGAAATTTTGCGAATTCAT
B9 11-6 TTTTTTTTTTTTTTTCGTGGATATT
C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
E10
F10
G10
H10
A11
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A12
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m1_7T

Well	Name	Sequence
A1	1-1	GCCGGTGTCCATATTTTTTTGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTTTTTTTAGCACGT
C1	1-3	AACAGAGAGGTATTTTTTTCTCCAAAGA
D1	1-4	ACTTAGTTACCGTTTTTTTTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTTTTTTTTTCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTGGCCATTGAGCTTTTTTTATGACACCGGCTTTTTTTTTTTTTTTTT
H1	2-2	GAGACGGCGTCTTTTTTTGTGCGGCAACTTTTTTTAGCCGTTGAGGCTTTTTTTCTCTGGTCC
A2	2-3	CTGGGCGGATGTTTTTTTTTACAGTCGCTTTTTTTTACCTCTCTGTTTTTTTTTACGTGCTAA
B2	2-4	TCCGATTGCTATTTTTTTGACGCATTGTTTTTTTTTCGGTAACTAAGTTTTTTTTTCTTTGGAG
C2	2-5	CAACATCTGCATTTTTTTGACAGCTGTAGTTTTTTTCCAGCTTTACACTTTTTTTTCAACGAGC
D2	2-6	ATCTGCGCGGTTTTTTTTTAGTTGCTGCTTTTTTTGTATCTGTAACCTTTTTTTGCGTCACCG
E2	3-1	CACGGAACGGCATTTTTTTTTCGAACGTGTTTTTTGACGCGTCTCTTTTTTTGCTCAATGGC
F2	3-2	TCGTCCTAGGCCTTTTTTTCTGGACTTCTTTTTTTTATCCGCCAGTTTTTTTGTTCGCCGAC
G2	3-3	TTCCGGATCGACTTTTTTTCTCGCCATTTTTTTTTAGCAATCGGATTTTTTTTCGCACTGTAA
H2	3-4	TTACCTAGAAAATTTTTTTTACCCGATGATTTTTTTTGCAGATGTTGTTTTTTTACAATGCGTC
A3	3-5	GAAGCTGGCAAGTTTTTTTGTGCTATATTTTTTTCCGCGCAGATTTTTTTTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTTTTTTGGTTTCGAGATTTTTTTTCCGTTCCGTTGTTTTTTTTTTTTTTTT
D3	4-2	GATTAGAGCATTTTTTTAATCTCTTCTTTTTTTGGCCTAGGACGATTTTTTTTACGTTCTGA
E3	4-3	GCTGAGGTGTGTTTTTTCCGAGAAACATTTTTTTGTCGATCCGGAATTTTTTTGAAGTCCAG
F3	4-4	TCTAGGAAACCTTTTTTTCCGATATGTGTTTTTTATTTCTAGTAATTTTTTTATGGCGAGG
G3	4-5	CGGCAGTTAATTTTTTTGACCTGCTCTTTTTTTCTTGCCAGCTTCTTTTTTTTATCGGGT
H3	4-6	GAACAAATATCTTTTTTTTACACCCATTTTTTTTTCCATCTCCCGTTTTTTTTTATAGCAAC
A4	5-1	GGTCGGATCACTTTTTTTTCCCGCCAACTTTTTTTATGCTCTAATCTTTTTTTTCTCGAAACC
B4	5-2	GAACTCGTCTCCTTTTTTTGCTCAGGGTTTTTTTTTACACCTCAGCTTTTTTTGAAAGAGATT
C4	5-3	CTAATAATAAGCTTTTTTTGTGCTAGCTTTTTTTGGTTTCTAGATTTTTTTTGTTCCTCGG
D4	5-4	TGAGCAAAGCAGTTTTTTTACACAAAGGTTTTTTTTTAAACTGCCGTTTTTTTACATATCCG
E4	5-5	ACCATCACCCATTTTTTTTCGATTCTCATTTTTTTGATATTTGTTCTTTTTTTAGAGCAGGTC
F4	5-6	TAGCAAACCTCAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAGGGTGTA
G4	6-1	TTTTTTTTTTTTTTTTTCTAGCTCACCTTTTTTTTAGTGATCCGACCTTTTTTTTTTTTTTTTT
H4	6-2	ACTTCACTATTTTTTTTTTAAGGTGTTGTTTTTTGGAGACGAGTTCTTTTTTTGTTGGCGGG
A5	6-3	ATTTAGACTAGTTTTTTTTTCGCTGGATTTTTTTTCTTATTATTAGTTTTTTTACCCTGAGC
B5	6-4	CAGAAAGTGAGTTTTTTTGGCCTCAGGTTTTTTTTCTGCTTTGCTCATTTTTTTGCTAGGCAC
C5	6-5	GGTCAGGTCAATTTTTTTTCGGTCATCTCTTTTTTTTAGGGTGATGGTTTTTTTTTCTTTGTGT
D5	6-6	AAAGCTCGGATTTTTTTTTTAGCGCCCGTTTTTTTTCTGAGTTGCTATTTTTTTTGAAGTCG
E5	7-1	TTGCAGCAGCGTTTTTTTTTATCGTCTCTTTTTTTTTAATAGTGAAGTTTTTTTTGGTGAGCTAG
F5	7-2	ACTTACAACGCTTTTTTTTTGAAATAAGTTTTTTTCTAGTCTAAATTTTTTTTCAACACCTTA
G5	7-3	AATAATTACCTCTTTTTTTTACATACGCTTTTTTTTCTCACTTCTGTTTTTTTATCCAGGCGA
H5	7-4	CTGGTCATCTCATTTTTTTGAATGAGAATTTTTTTTACCTGACCTTTTTTTTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTTTTTTTATGAGACGCTTTTTTTTATCCGAGCTTTTTTTTTTGAATGACCG
B6	7-6	GTCACCAAGTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTTTTTTGGACATTCCTTTTTTTTACGGTCGTGCAATTTTTTTTTTTTTTTTT
D6	8-2	TGCGAAGGCCGTTTTTTTTAAGCTGGCAGTTTTTTTGGCGTTGTAAGTTTTTTTATAGACGAT
E6	8-3	TGCAGCGGGCTTTTTTTCAAAGGATAATTTTTTTGAGGTAATATTTTTTTTCTTATTTCA
F6	8-4	GCTTCCGTTGCTTTTTTTTGTATGCCATTTTTTTTTTGTAGATGACCAAGTTTTTTTATAGGATGT
G6	8-5	CAGGCGAAATCTTTTTTTAGCGTTGGCTTTTTTTTCCATTCACGCTATTTTTTTTTTCTCATTC
H6	8-6	AGCGCTGGAGGTTTTTTTGTCAATGTTTTTTTTTACTTGAGTGACTTTTTTTGCGTCTCAT
A7	9-1	AATCTCCCACGCTTTTTTTTATTTGGACCTTTTTTTTCCGGCCTTCGCATTTTTTTAGGAATGTCC
B7	9-2	TCAGTGTATACCTTTTTTTGACTGTAAATTTTTTTGCCCGCTGCATTTTTTTCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTTTTTTTGGTCTGACTTTTTTTTGAACGGAAGCTTTTTTTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTTTTTTTCTGCTGGGATTTTTTTGATTTCCGCTGTTTTTTAATGGCATCA
E7	9-5	GCCGGAATTTGCTTTTTTTTAGCATTTATTTTTTTCTCCAGCGCTTTTTTTTAGCCAACGCT

[Back to overview](#)

F7 9-6 ATTACCTTTATTAACATTGAGC
G7 10-1 TTTTTTTTTTTTTTTTTTCTGTCTCGTATTTTTTTGCGTGGGAGATTTTTTTTTTTTTTTTTTTTT
H7 10-2 TAGTAAACTCCTTTTTTTAAGGCTACCCTTTTTTTGGTATACACTGATTTTTTTAGGTCCAAT
A8 10-3 TGTAAGTCGATTTTTTTTTAAACCACTGTTTTTTCTGTGCGAAGGCTTTTTTTTTTACAGTC
B8 10-4 CAGAAATATTGTTTTTTAACTGTGATTTTTTTTTGGATACCTAGACTTTTTTTGTCAGACCA
C8 10-5 TGAGAGCTCTGTTTTTTATGAATTCGCTTTTTTTGCAAATTCGGCTTTTTTTTTCCCAGCAG
D8 10-6 TTTCCCTAGTTGTTTTTTAATATCCACGTTTTTTAATAAAGGTAATTTTTTTTTAAATGCTA
E8 11-1 GGAGTTTACTATTTTTTTTACGAGACAG
F8 11-2 ATCGACTTACATTTTTTTGGGTAGCCTT
G8 11-3 CAATATTTCTGTTTTTTTCAGTGGTTTA
H8 11-4 CAGAGCTCTCATTTTTTTAATCACAGTT
A9 11-5 CAACTAGGAAATTTTTTTGCGAATTCAT
B9 11-6 TTTTTTTTTTTTTTTTTTTCGTGGATATT

C9
D9
E9
F9
G9
H9
A10
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C10
D10
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F10
G10
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A11
B11
C11
D11
E11
F11
G11
H11
A12
B12
C12
D12
E12
F12
G12
H12

m1_13T

[Back to overview](#)

Well	Name	Sequence
A1	1-1	GCCGGTGTCAATTTTTTTTTTTTTTTGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTTTTTTTTTTTTTAGCACGT
C1	1-3	AACAGAGAGGTATTTTTTTTTTTTTTCTCAAAGA
D1	1-4	ACTTAGTTACCGTTTTTTTTTTTTTTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTTTTTTTTTTTTTTCCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTTTTTGGCATTGAGCTTTTTTTTTTTTTATGACACCGGCTTTTTTTTTTTTTTTTTTTT
H1	2-2	GAGACGGCGTCTTTTTTTTTTTTTTTGTCGGCGAACTTTTTTTTTTTTTAGCCGTTGAGGCTTTTTTTTTTTTTCTCTGGTCC
A2	2-3	CTGGCGGATGTTTTTTTTTTTTTTTACAGTGCCTTTTTTTTTTTTTTACCTCTCTGTTTTTTTTTTTTTTTACGTGCTAA
B2	2-4	TCCGATTGCTATTTTTTTTTTTTTTTGACGCATGTTTTTTTTTTTTTTCCGTAACCTAAGTTTTTTTTTTTTTTCTTTGGAG
C2	2-5	CAACATCTGCATTTTTTTTTTTTTTTGCAGCTGTAGTTTTTTTTTTTTTCCAGCTTTACACTTTTTTTTTTTTTTCAACGAGC
D2	2-6	ATCTGCCGCGTTTTTTTTTTTTTTAGTGTCTGCTTTTTTTTTTTTTTGTATCTGTAACCTTTTTTTTTTTTTTGCCTCACCG
E2	3-1	CACGGAACGGCATTTTTTTTTTTTTTTGCAACGTGTTTTTTTTTTTTTTGACGCCGCTCTTTTTTTTTTTTTTGTCAATGGC
F2	3-2	TCGTCTAGGCCTTTTTTTTTTTTTTCTGACTTCTTTTTTTTTTTTTTTCATCCGCCAGTTTTTTTTTTTTTTGTTCCGGCAG
G2	3-3	TTCCGGATCGACTTTTTTTTTTTTTTCTCGCATTTTTTTTTTTTTTTTAGCAATCGGATTTTTTTTTTTTTTGCCTGTAA
H2	3-4	TTACCTAGAAAATTTTTTTTTTTTTTACCAGATGTTTTTTTTTTTTTTGTCAGATGTGTTTTTTTTTTTTTACAATGCGTC
A3	3-5	GAAGCTGGCAAGTTTTTTTTTTTTTTGTTGCTATATTTTTTTTTTTTTTCCGCGCAGATTTTTTTTTTTTTTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTGCAGCAACTA
C3	4-1	TTTTTTTTTTTTTTTTTTTTTTGGTTCGAGATTTTTTTTTTTTTTTGCCGTTCCGTTGTTTTTTTTTTTTTTTTTTTTT
D3	4-2	GATTAGAGCATTTTTTTTTTTTTTAACTCTTCTTTTTTTTTTTTTTTGGCCTAGGACGATTTTTTTTTTTTTTACGTTCTGA
E3	4-3	GCTGAGGTGTGTTTTTTTTTTTTTCCGAGAAACATTTTTTTTTTTTTTTGTCGATCCGGAATTTTTTTTTTTTTTGAAGTCCAG
F3	4-4	TCTAGGAAACCTTTTTTTTTTTTTTCCGATAATGTTTTTTTTTTTTTATTTCTAGGTAATTTTTTTTTTTTTTATGGCGAGG
G3	4-5	CGGCAGTTAATTTTTTTTTTTTTTGCCTGCTTTTTTTTTTTTTTCTTGCCAGCTTCTTTTTTTTTTTTTTTCATCGGGT
H3	4-6	GAACAAATATCTTTTTTTTTTTTTTACACCTATTTTTTTTTTTTTTCCATCTCCCGTTTTTTTTTTTTTATAGCAAC
A4	5-1	GGTCGGATCACTTTTTTTTTTTTTTCCGCCAACTTTTTTTTTTTTTATGCTCTAATCTTTTTTTTTTTTTTCTCGAAAC
B4	5-2	GAACCTGCTCTCTTTTTTTTTTTTTTGGCTCAGGGTTTTTTTTTTTTTTCACACCTCAGCTTTTTTTTTTTTTTGAAAGAGATT
C4	5-3	CTAATAATAAGCTTTTTTTTTTTTTTGTGCTAGCTTTTTTTTTTTTTTGGTTTCTAGATTTTTTTTTTTTTTGTCTCTCGG
D4	5-4	TGAGCAAAGCAGTTTTTTTTTTTTTACACAAAGTTTTTTTTTTTTTTAAACTGCCGTTTTTTTTTTTTTACATATCCG
E4	5-5	ACCATCACCTATTTTTTTTTTTTTTTCGATTCCTATTTTTTTTTTTTTTGATAATTTGTTCTTTTTTTTTTTTTTAGAGCAGGTC
F4	5-6	TAGCAAACCTCAGTTTATAGGGTGT
G4	6-1	TTTTTTTTTTTTTTTTTTTTTCTAGCTCACCTTTTTTTTTTTTTTAGTGATCCGACCTTTTTTTTTTTTTTTTTTTTTT
H4	6-2	ACTTCACTATTTTTTTTTTTTTTTAAGGTGTGTTTTTTTTTTTTTTGGAGACGAGTCTTTTTTTTTTTTTTGTGGCGGG
A5	6-3	ATTTAGACTAGTTTTTTTTTTTTTTCGCCTGGATTTTTTTTTTTTTTTGCTTATTATTAGTTTTTTTTTTTTTACCCTGAGC
B5	6-4	CAGAAAGTGAGTTTTTTTTTTTTTTGGCCTCAGGTTTTTTTTTTTTTCTGCTTTGCTCATTTTTTTTTTTTTTGCTAGGCAC
C5	6-5	GGTCAGGTCAATTTTTTTTTTTTTTCCGGTCATCTCTTTTTTTTTTTTTTTAGGGTGATGGTTTTTTTTTTTTTCTTTGTGT
D5	6-6	AAAGCTCGGATTTTTTTTTTTTTTTAGCCTCGGTTTTTTTTTTTTTCTGAGTTTGTATTTTTTTTTTTTTTTGAGAATCG
E5	7-1	TTGCAGCAGCTTTTTTTTTTTTTTATCGTCTCTTTTTTTTTTTTTTTAATAGTGAAGTTTTTTTTTTTTTTGGTGAGCTAG
F5	7-2	ACTTACAACGCTTTTTTTTTTTTTTTGAAATAAGTTTTTTTTTTTTTCTAGTCTAAATTTTTTTTTTTTTTTCAACACCTTA
G5	7-3	AATAATTACCTCTTTTTTTTTTTTTTACATACGCTTTTTTTTTTTTTTCTCACTTTCTGTTTTTTTTTTTTTTATCCAGGCGA
H5	7-4	CTGGTCATCTCATTTTTTTTTTTTTTTGAATGAGAATTTTTTTTTTTTTTTGACCTGACCTTTTTTTTTTTTTTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTTTTTTTTTTTTTTATGAGACGCTTTTTTTTTTTTTTATCCGAGCTTTTTTTTTTTTTTTGAGATGACCG
B6	7-6	GTCACCAAGTCTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTTTTTTTTTTTGGACATTCCTTTTTTTTTTTTTTACGGTCTGCAATTTTTTTTTTTTTTTTTTTTTT
D6	8-2	TGCGAAGGCCGTTTTTTTTTTTTTTAAGCTGGCAGTTTTTTTTTTTTTTGGCGTTGTAAGTTTTTTTTTTTTTTAGAGACGAT
E6	8-3	TGCAGGCGGGCTTTTTTTTTTTTTTCAAAGGATAATTTTTTTTTTTTTTGAGGTAATATTTTTTTTTTTTTTTCTTATTTCA
F6	8-4	GCTTCCGTTGCTTTTTTTTTTTTTTTGATGCCATTTTTTTTTTTTTTTGAGATGACCAGTTTTTTTTTTTTTTAGCGTATGT
G6	8-5	CAGGCGAAATCTTTTTTTTTTTTTTAGCGTTGGCTTTTTTTTTTTTTTCCATTCACGCTATTTTTTTTTTTTTTTCTCATTC
H6	8-6	AGCGCTGGAGGTTTTTTTTTTTTTTGCTCAATGTTTTTTTTTTTTTTGACTTGAGTACTTTTTTTTTTTTTTTGCGTCTCAT
A7	9-1	AATCTCCCACGCTTTTTTTTTTTTTTATGGACCTTTTTTTTTTTTTTTCCGGCTTCGCATTTTTTTTTTTTTTTAGGAATGTC
B7	9-2	TCAGTGTATACCTTTTTTTTTTTTTTACTGTAATTTTTTTTTTTTTTTGCCCGCTGCATTTTTTTTTTTTTTTCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTTTTTTTTTTTTTGGTCTGACTTTTTTTTTTTTTTTGCAACGGAAGCTTTTTTTTTTTTTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTTTTTTTTTTTTTTCTGCTGGGATTTTTTTTTTTTTTTGATTTCCGCTGTTTTTTTTTTTTTTAATGGCATCA
E7	9-5	GCCGGAATTTGCTTTTTTTTTTTTTTTAGCATTTATTTTTTTTTTTTTTCTCCAGCGCTTTTTTTTTTTTTTTAGCCAACGCT

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[Back to overview](#)

Well	Name	Sequence
A1	1-1	GCCGGTGTCAATTTTTTTTTTTTTTTGGACCAGAG
B1	1-2	GCCTCAACGGCTTTTTTTTTTTTTTTTAGCACGT
C1	1-3	AACAGAGAGGTATTTTTTTTTTTTTTTCTCAAAGA
D1	1-4	ACTTAGTTACCGTTTTTTTTTTTTTTTGCTCGTTGA
E1	1-5	GTGTAAAGCTGGTTTTTTTTTTTTTTTCGGTGACGC
F1	1-6	GGTTACAGATACTTTTTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTTTTTTTGGCATTGAGCTTTTTTTTTTTTTTTTATGACACCGGCTTTTTTTTTTTTTTTTTTTTTT
H1	2-2	GAGACGGCGTCTTTTTTTTTTTTTTTTGTGCGGCAACTTTTTTTTTTTTTTTAGCCGTTGAGGCTTTTTTTTTTTTTTTCTCTGGTCC
A2	2-3	CTGGCGGATGTTTTTTTTTTTTTTTTTACAGTGCCTTTTTTTTTTTTTTTTACCTCTCTGTTTTTTTTTTTTTTTACGTGCTAA
B2	2-4	TCCGATTGCTATTTTTTTTTTTTTTTTGACGCATTGTTTTTTTTTTTTTTTCGGTAACTAAGTTTTTTTTTTTTTTTCTTTGGAG
C2	2-5	CAACATCTGCATTTTTTTTTTTTTTTTGCAGCTGTAGTTTTTTTTTTTTTTTCCAGCTTTACACTTTTTTTTTTTTTTTCAACGAGC
D2	2-6	ATCTGCCGCGTTTTTTTTTTTTTTTAGTTGCTGCTTTTTTTTTTTTTTTTGTATCTGTAACCTTTTTTTTTTTTTTTGCGTCAACG
E2	3-1	CACGGAACGGCATTTTTTTTTTTTTTTTCGAACGTGTTTTTTTTTTTTTTTGTAGCCGCTCTTTTTTTTTTTTTTTGCTCAATGGC
F2	3-2	TCGTCTAGGCCTTTTTTTTTTTTTTTCTGACTTCTTTTTTTTTTTTTTTTCATCCGCCAGTTTTTTTTTTTTTTGTTTCGCCGAC
G2	3-3	TTCCGGATCGACTTTTTTTTTTTTTTTTCCCTCGCCATTTTTTTTTTTTTTTTGTAGCAATCGGATTTTTTTTTTTTTTTGCGACTGTAA
H2	3-4	TTACCTAGAAATTTTTTTTTTTTTTTTACCCGATGATTTTTTTTTTTTTTTTGTAGATGTTGTTTTTTTTTTTTTTTACAATCGCTC
A3	3-5	GAAGCTGGCAAGTTTTTTTTTTTTTTTGTGTCTATATTTTTTTTTTTTTTTTCCGCGGCAGATTTTTTTTTTTTTTTTCTACAGCTGC
B3	3-6	CGGGAAGATGGATTTTTTTTTTTTTTTTGTGTCTATATTTTTTTTTTTTTTTTCCGCGGCAGATTTTTTTTTTTTTTTTCTACAGCTGC
C3	4-1	TTTTTTTTTTTTTTTTTTTTTTTGGTTTCGAGATTTTTTTTTTTTTTTTGGCGTCCGCTTTTTTTTTTTTTTTTCTACAGCTGC
D3	4-2	GATTAGAGCATTTTTTTTTTTTTTTTAATCTCTTCTTTTTTTTTTTTTTTTGGCCTAGGACGATTTTTTTTTTTTTTTTACAGCTGC
E3	4-3	GCTGAGGTGTGTTTTTTTTTTTTTTTCCGAGAAACATTTTTTTTTTTTTTTTGTGATCCGGAATTTTTTTTTTTTTTTGAAGTCCAG
F3	4-4	TCTAGGAAACCTTTTTTTTTTTTTTTCCGATATGTTTTTTTTTTTTTTTATTTCTAGGTAATTTTTTTTTTTTTTTATGGCGAGG
G3	4-5	CGGCAGTTAATTTTTTTTTTTTTTTGACCTGCTCTTTTTTTTTTTTTTTTCTTCCAGCTTCTTTTTTTTTTTTTTTTTCATCGGT
H3	4-6	GAACAAATATCTTTTTTTTTTTTTTTTACACCCTATTTTTTTTTTTTTTTTCCATCTTCCCGTTTTTTTTTTTTTTTATAGCAAC
A4	5-1	GGTCGGATCACTTTTTTTTTTTTTTTTCCCGCAACTTTTTTTTTTTTTTTTATGCTCTAATCTTTTTTTTTTTTTTTTCTCGAAACC
B4	5-2	GAACCTGCTCTCTTTTTTTTTTTTTTTTGTCTCAGGGTTTTTTTTTTTTTTTTCACACCTCAGCTTTTTTTTTTTTTTTGAAAGAGATT
C4	5-3	CTAATAATAAGCTTTTTTTTTTTTTTTTGTGCTTAGCTTTTTTTTTTTTTTTTGGTTTCTAGATTTTTTTTTTTTTTTTGTCTCGG
D4	5-4	TGAGCAAAGCAGTTTTTTTTTTTTTTTACACAAAGGTTTTTTTTTTTTTTTAAACTGCCGTTTTTTTTTTTTTTTACATATCCG
E4	5-5	ACCATCACCTATTTTTTTTTTTTTTTTCGATTTCTATTTTTTTTTTTTTTTTGTATTTGTTCTTTTTTTTTTTTTTTTATAGAGCAGGTC
F4	5-6	TAGCAAATCAGTTTTTTTTTTTTTTTGTGCTTAGCTTTTTTTTTTTTTTTTGGTTTCTAGATTTTTTTTTTTTTTTTGTCTCGG
G4	6-1	TTTTTTTTTTTTTTTTTTTTTTTCTAGCTCACCTTTTTTTTTTTTTTTTATGATCCGACCTTTTTTTTTTTTTTTTCTCGAAACC
H4	6-2	ACTTCACTATTTTTTTTTTTTTTTTAAAGGTGTTGTTTTTTTTTTTTTTTGGAGACGAGTTCTTTTTTTTTTTTTTTGTTGGCGGG
A5	6-3	ATTTAGACTAGTTTTTTTTTTTTTTTTCGCTGAGTTTTTTTTTTTTTTTGGCTATTATTAGTTTTTTTTTTTTTTTACCCTGAGC
B5	6-4	CAGAAAGTGAAGTTTTTTTTTTTTTTTGGCTCAGGTTTTTTTTTTTTTTTCTGCTTTGCTCATTTTTTTTTTTTTTTTGTAGGCAC
C5	6-5	GGTCAGGTCAATTTTTTTTTTTTTTTTCCGTCATCTTTTTTTTTTTTTTTTATAGGTGATGTTTTTTTTTTTTTTTCTTTGTGT
D5	6-6	AAAGCTCGGATTTTTTTTTTTTTTTTATAGCAGGTTTTTTTTTTTTTTTCTGAGTTGCTATTTTTTTTTTTTTTTTGTAGAAATCG
E5	7-1	TTGCAGCAGCTTTTTTTTTTTTTTTTATCGTCTCTTTTTTTTTTTTTTTTAAATAGTGAAGTTTTTTTTTTTTTTTGGTGAGCTAG
F5	7-2	ACTTACAACGCTTTTTTTTTTTTTTTTGAATAAGTTTTTTTTTTTTTTTCTAGTCTAAATTTTTTTTTTTTTTTTCAACACCTTA
G5	7-3	AATAATTACCTCTTTTTTTTTTTTTTTTACATACGCTTTTTTTTTTTTTTTTCTCACTTCTGTTTTTTTTTTTTTTTATCCAGGCGA
H5	7-4	CTGGTCATCTCATTTTTTTTTTTTTTTTGAATGAGAATTTTTTTTTTTTTTTTACCTGACCTTTTTTTTTTTTTTTTACCTGAGGCC
A6	7-5	TAGCGTGAATGGTTTTTTTTTTTTTTTATGAGACGCTTTTTTTTTTTTTTTTATCCGAGCTTTTTTTTTTTTTTTTGTAGATGACCG
B6	7-6	GTCACCAAGTCTTTTTTTTTTTTTTTTGTGATGCAATTTTTTTTTTTTTTTTACCGGCGCTTTTTTTTTTTTTTTTCCGGGCGCTA
C6	8-1	TTTTTTTTTTTTTTTTTTTTTTTGGACATTCCTTTTTTTTTTTTTTTTACGGTCGTCGCAATTTTTTTTTTTTTTTTCTCATTC
D6	8-2	TGCGAAGGCGGTTTTTTTTTTTTTTTAAAGTGGCAGTTTTTTTTTTTTTTTGGCGTTGTAAGTTTTTTTTTTTTTTTATAGAGCAGT
E6	8-3	TGCAGGCGGCTTTTTTTTTTTTTTTTCAAGGATAATTTTTTTTTTTTTTTTGTAGGTAATATTTTTTTTTTTTTTTTCTTATTTCA
F6	8-4	GCTTCCGTTGCTTTTTTTTTTTTTTTTGTATGCCATTTTTTTTTTTTTTTTGTAGATGACCAGTTTTTTTTTTTTTTTATAGCGTATGT
G6	8-5	CAGGCGAAATCTTTTTTTTTTTTTTTTACGTTGGCTTTTTTTTTTTTTTTTCCATTCACGCTATTTTTTTTTTTTTTTTCTCATTC
H6	8-6	AGCGCTGGAGGTTTTTTTTTTTTTTTGTCAATGTTTTTTTTTTTTTTTGTAGTGTGACTTTTTTTTTTTTTTTTGTGCTCTCAT
A7	9-1	AATCTCCCACGCTTTTTTTTTTTTTTTTATTTGACCTTTTTTTTTTTTTTTTCCGCTTCGCATTTTTTTTTTTTTTTTAGGAATGTCC
B7	9-2	TCAGTGTATACCTTTTTTTTTTTTTTTTGTAGTAAATTTTTTTTTTTTTTTTGGCCGCTGCATTTTTTTTTTTTTTTTCTGCCAGCTT
C7	9-3	GCCTTCGCACAGTTTTTTTTTTTTTTTGGTCTGACTTTTTTTTTTTTTTTTGTCAACGGAAGCTTTTTTTTTTTTTTTTATCCTTTG
D7	9-4	GTCTAGGTATCCTTTTTTTTTTTTTTTTCTGCTGGGATTTTTTTTTTTTTTTTGTATTCGCTGTTTTTTTTTTTTTTTAAATGGCATCA
E7	9-5	GCCGGAATTTGCTTTTTTTTTTTTTTTTGTAGCATTTATTTTTTTTTTTTTTTTCTCCAGCGCTTTTTTTTTTTTTTTTAGCCAACGCT

m14

Well	Name	Sequence
A1	1-1	TCCGCCGTCGGCGTCTCGGGA
B1	1-2	ACTTGTACCAAGAGGCCAGTG
C1	1-3	GTCTGTGCCCTAGCTGCATCG
D1	1-4	CGTAGACGTTAAGACCTCGGA
E1	1-5	AGGTGGTTTTATACGGACTGTA
F1	1-6	TTTTTTTTTTTTTAATACCCA
G1	2-1	TTTTTTTTTTTGCCCAATGCGTTTCCGACGGCGGATTTTTTTTTT
H1	2-2	GTGCAGCAAGTCCGTTAACCATTTTGGTACAAGTTCCCGAGACG
A2	2-3	GAATGAACTAGGGATAATAAGTTAGGGCACAGACCACTGGCCTC
B2	2-4	ACCGACTAAATGATTGAGTCCTTTAACGCTCTACGCGATGCAGCT
C2	2-5	TACAAAGTTCAACCATAGACGTTATAAACCACCTTCCGAGGTCT
D2	2-6	TGGGATAGTAGACACCTGCCCTTACGCATAGTCCTACAGTCCGT
E2	3-1	AGTTATCCCTCATCGTTACTTTCTTGCTGCACACGCATTGGGC
F2	3-2	TAGAAGGGCCCTCAAGATGCATTTAGTTCATCTGGTTAACGGA
G2	3-3	ATGCGGGCCTAGCATGTAAGCTTTTTAGTCGGTCTTATTATCCC
H2	3-4	TCCGTAATTTAGTTTAGGACTTGAACCTTTGTAGGACTCAATCA
A3	3-5	GTTTACTGCACCAACTGAAGTTTACTATCCACGCTCTATGGTT
B3	3-6	ACTCGCAGCACTTTTTTTTTTTTTTTTTTTTTTTGGGCAGGTGTC
C3	4-1	TTTTTTTTTTCACGTGGGCATTTGAGGGATAACTTTTTTTTTTT
D3	4-2	CGAGTCCGCGAGGTCCGAATCTTGGGCCCTTCTAAGTAACCGAT
E3	4-3	CGCGCCAACGGGTGGAGCTGTTTTAGGCCCGCATTCATCTTGA
F3	4-4	CCATCGCGCCCTAAGTGTATGTTAAATTTACGGAGCTTACATGC
G3	4-5	GGTACCGGACCGTGGTCACCGTTGTGCAGTAAACGCTCTAAACT
H3	4-6	AGGTAATCTAATAGCAGCAGTTTGTGCTGCGAGTCTCAAGTTG
A4	5-1	ACATAGCGAGTCAAACGGTGATTTCGCGGACTCGATGCCACGTC
B4	5-2	ATGGGCGGGCCGGTCACAAGTTTCGTTGGCGCGGATTCGGACCT
C4	5-3	CCGGAGCCCTAAGTCCGAGGTTTGGCGCGATGGACAGCTCCACC
D4	5-4	AAGGATCTGGAGGAAGTCCATTGTCCGGTACCCATACACTTAG
E4	5-5	TTAGGGAAATAAAGGATTGACTTTAGATTACCTCGGTGACCACG
F4	5-6	TCAGCGCTTCATTTTTTTTTTTTTTTTTTTTTTTACTGCTGCTAT
G4	6-1	TTTTTTTTTTGTATCTGCACATTACTCGCTATGTTTTTTTTTTT
H4	6-2	CCGCATGATCCGCAAGAGCTTTGGCCCGCCATTACCGTTTG
A5	6-3	AGTGCTTATGACCCTAAATTGTTTAGGGCTCCGACTTGTGACC
B5	6-4	CGTCAGAAAGATAAAGAGGGCTTCCAGATCCTTACCTCGGACT
C5	6-5	CATACGCTGTCCCTAACGTTATTTATTTCCCTAATGGAACCTCC
D5	6-6	GCCAATCCAGGTTTAAAGAGATTTGAAGCGCTGAGTCAATCCTT
E5	7-1	TATTTGGCATCTGACTATAGTTGATCATGCGGTGTGCAGATAC
F5	7-2	GTACGCCCTGACCCACCGATGTTCAAGCACTAAGCTCTTGCG
G5	7-3	GTTAAAGGCGTTCGCGAAATTTCTTTCTGACGCAATTTAGGGT
H5	7-4	CCTTTGACTTTCACTGAACAGTTACAGCGTATGGCCCTCTTTAT
A6	7-5	GCCCTGACGGGAGCTGCGGGCTTCTGGATTGGCTAACGTTAGGG
B6	7-6	GACGTTGAATTTTTTTTTTTTTTTTTTTTTTTTCTCTTTAAAC
C6	8-1	TTTTTTTTTTTACAGAAAGTCTTGATGCCAAATATTTTTTTTTT
D6	8-2	TGGCGGTTGGATTAATTAGGCTTTCAGGGCGTACCCTATAGTCA
E6	8-3	AATCCCTGTGGCTACCGAGGCTTACGCCTTTAACCATCGGTGGG
F6	8-4	AACTGAAGCGGCTTGGCCACTTTAAAGTCAAAGGAATTCGCGA
G6	8-5	ACCGTGACGCAACTAAACAATTTCCCGTCAGGGCCTGTTACAGTG
H6	8-6	GGACTCTATCCCTACGGAACCTTAATTCAACGTCGCCCCGAGCT
A7	9-1	GGGACCCTTCACTAACGACCATTTCCAACCGCCAGACCTTCTGT
B7	9-2	GCCTGATATTGCAATCACTCCTTCACAGGGATTGCCTAATTAAT
C7	9-3	GGGTACCGACTCCCTTTACGGTTCGCTTCAGTTGCCTCGGTAGC
D7	9-4	CTTCCGAGAAGTCATTTGGAATTGCGTACGCGTAGTGGCCAAGC
E7	9-5	GTCTCAGGCGCTTGAGAATGATTGATAGAGTCCATTGTTTAGTT

[Back to overview](#)

F7	9-6	TCGAACACTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGTTCCGTAGG
G7	10-1	TTTTTTTTTTTACATAGGCCGTTTGAAGGGTCCCTTTTTTTTTTT
H7	10-2	CCCACCTAGAAGAAGAAAGGGTTCAATATCAGGCTGGTCGTTAG
A8	10-3	TAGAACTGAGAGACAGGGCTATTAGTCGGTACCCGGAGTGATTG
B8	10-4	TATAGCGCGTCTGTGGCGCGATTCTTCTCGGAAGCCGTAAAGGG
C8	10-5	CTGGCGGTACCATAAACTCGCTTGCGCCTGAGACTTCCAAATGA
D8	10-6	ATTTCCCTGACCTTGAGGGAGTTGAAGTGTTCGATCATTCTCAA
E8	11-1	TCTAGGTGGGCGGCCTATGTG
F8	11-2	CTCAGTTCTACCCTTTCTTCT
G8	11-3	ACGCGCTATATAGCCCTGTCT
H8	11-4	GTACCGCCAGTCGCGCCACAG
A9	11-5	TCAGGGAAATGCGAGTTTATG
B9	11-6	TTTTTTTTTTCTCCCTCAAGG
C9		
D9		
E9		
F9		
G9		
H9		
A10		
B10		
C10		
D10		
E10		
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[Back to overview](#)

Well	Name	Sequence
A1	1-1	TCCGCCGTCGGTTTTTTTTTCGTCTCGGGA
B1	1-2	ACTTGTACCAATTTTTTTTTTGTAGGCCAGTG
C1	1-3	GTCTGTGCCCTTTTTTTTTTTAGCTGCATCG
D1	1-4	CGTAGACGTTATTTTTTTTTTTAGACCTCGGA
E1	1-5	AGGTGGTTTATTTTTTTTTTTACGGACTGTA
F1	1-6	TTTTTTTTTTTTTTTTTTTTTAATACCCA
G1	2-1	TTTTTTTTTTTTTTTTTTGCCCAATGCGTTTTTTTTTTCCGACGGCGGATTTTTTTTTTTTTTTTTTTT
H1	2-2	GTGCAGCAAGTTTTTTTTTTCCGTTAACCATTTTTTTTTTTGGTACAAGTTTTTTTTTTTCCCAGAGCG
A2	2-3	GAATGAACTATTTTTTTTTTTGGGATAATAAGTTTTTTTTTTAGGGCACAGACTTTTTTTTTTCACTGGCCCTC
B2	2-4	ACCGACTAAATTTTTTTTTTTGATTGAGTCCTTTTTTTTTTTAACGTCTACGTTTTTTTTTTTCGATGCAGCT
C2	2-5	TACAAAGTTCCTTTTTTTTTTAACCATAGACGTTTTTTTTTTATAAACACCTTTTTTTTTTTCCGAGGTCCT
D2	2-6	TGGGATAGTATTTTTTTTTTTGACACCTGCCCTTTTTTTTTTTACGCATAGTCCTTTTTTTTTTTACAGTCCGCT
E2	3-1	AGTTATCCCTCTTTTTTTTTTTCATCGGTTACTTTTTTTTTTCTGTGTCACTTTTTTTTTTACGCATTGGGC
F2	3-2	TAGAAGGGCCCTTTTTTTTTTCTCAAGATGCTTTTTTTTTTTAGTTCATTCCTTTTTTTTTTTGGTTAACGGA
G2	3-3	ATGCGGGCCTATTTTTTTTTTTAGCATGTAAGTTTTTTTTTTTTAGTCGGTTTTTTTTTTCTTATATATCCC
H2	3-4	TCCGTAATTTTTTTTTTTTTTAGTTTAGGATTTTTTTTTTTGAACTTGTATTTTTTTTTTTGGACTCAATCA
A3	3-5	GTTTACTGCACTTTTTTTTTTCCAACCTGAATTTTTTTTTTTACTATCCCATTTTTTTTTTTTCGCTATGGTT
B3	3-6	ACTCGCAGCACTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGGCAGGTGTC
C3	4-1	TTTTTTTTTTTTTTTTTTTTCAGTGGGCATTTTTTTTTTTGAGGGATAACTTTTTTTTTTTTTTTTTTTTT
D3	4-2	CGAGTCCGCGTTTTTTTTTTAGGTCGAATCTTTTTTTTTTTGGGCCCTTCTATTTTTTTTTTTAGTAACCGAT
E3	4-3	CGCGCAACGTTTTTTTTTTGGTGGAGCTGTTTTTTTTTTTAGGCCCGCATTTTTTTTTTTTGCATCTTGA
F3	4-4	CCATCGCGCCTTTTTTTTTTCTAAGTGTATGTTTTTTTTTTAAATTTACGGATTTTTTTTTTTGCTTACATGC
G3	4-5	GGTACCGGACTTTTTTTTTTTCGTGGTCACCGTTTTTTTTTTGTGCAGTAAACTTTTTTTTTTTGCCTAAACT
H3	4-6	AGGTAATCTATTTTTTTTTTATAGCAGCAGTTTTTTTTTTGTGCTGCGAGTTTTTTTTTTCTTCAAGTTG
A4	5-1	ACATAGCGAGTTTTTTTTTTTCAAACGGTGTTTTTTTTTTTCGCGGACTCGTTTTTTTTTTATGCCACGTCG
B4	5-2	ATGGGCGGGCCTTTTTTTTTTTCGGTCACAAGTTTTTTTTTTCGTTGGCGCGTTTTTTTTTTGATTCGGACCT
C4	5-3	CCGGAGCCCTATTTTTTTTTTAAAGTCCGAGGTTTTTTTTTTGGCGCGATGGTTTTTTTTTTACAGCTCCACC
D4	5-4	AAGGATCTGGATTTTTTTTTTTAGGAAGTTCCTTTTTTTTTTTGTCCGGTACCTTTTTTTTTTTCATACACTTAG
E4	5-5	TTAGGGAAATATTTTTTTTTTAAAGGATTGATTTTTTTTTTTAGATTACCTTTTTTTTTTTCCGGTGACCACG
F4	5-6	TCAGCGCTTCATTTTTTTTTTATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTACTGCTGCTAT
G4	6-1	TTTTTTTTTTTTTTTTTTTTGTATCTGCACATTTTTTTTTTACTCGCTATGTTTTTTTTTTTTTTTTTTTTT
H4	6-2	CCGCATGATCTTTTTTTTTTTCGCAAGAGCTTTTTTTTTTTGGCCCGCCCATTTTTTTTTTTTACCCTTTG
A5	6-3	AGTGCTTATGTTTTTTTTTTACCCTAAATGTTTTTTTTTTTAGGGCTCCGGTTTTTTTTTTACTTGTGACC
B5	6-4	CGTCAGAAAGTTTTTTTTTTATAAGAGGGCTTTTTTTTTTTCCAGATCCTTTTTTTTTTTTACCTCGGACT
C5	6-5	CATACGCTGTTTTTTTTTTTCCCTAACGTTATTTTTTTTTTTATTTCCCTAATTTTTTTTTTTGGAACCTCC
D5	6-6	GCCAATCCAGTTTTTTTTTTGTTAAAGAGATTTTTTTTTTTGAAGCGCTGATTTTTTTTTTTGTCAATCCTT
E5	7-1	TATTTGGCATCTTTTTTTTTTCTGACTATAGTTTTTTTTTTGATCATGCGGTTTTTTTTTTTGTGCAGATAC
F5	7-2	GTACGCCCTGATTTTTTTTTTTACCCACCGATTTTTTTTTTTTATAAGCACTTTTTTTTTTTAAGCTCTTGGG
G5	7-3	GTTAAAGGCGTTTTTTTTTTTTTCGCGAAATTTTTTTTTTTCTTCTGACGTTTTTTTTTTCAATTTAGGGT
H5	7-4	CCTTTGACTTTTTTTTTTTTTTCACTGAACATTTTTTTTTTTACAGCGTATGTTTTTTTTTTGCCCCCTTTAT
A6	7-5	GCCCTGACGGGTTTTTTTTTTTGAGCTGCGGGTTTTTTTTTTCTGGATTGGCTTTTTTTTTTTAACGTTAGGG
B6	7-6	GACGTTGAATTCTCTTAAAC
C6	8-1	TTTTTTTTTTTTTTTTTTTACAGAAAGGCTTTTTTTTTTTGATGCCAAATATTTTTTTTTTTTTTTTTTTT
D6	8-2	TGGCGGTTGGTTTTTTTTTTATTAATTAGGCTTTTTTTTTTTTACAGGGCTACTTTTTTTTTTCTATAGTCA
E6	8-3	AATCCCTGTGTTTTTTTTTTGCTACCGAGGCTTTTTTTTTTTACGCCCTTAACTTTTTTTTTTTCATCGGTGGG
F6	8-4	AACTGAAGCGTTTTTTTTTTGCTTGGCCACTTTTTTTTTTTAAAGTCAAAGGTTTTTTTTTTAATTTTCGCGA
G6	8-5	ACCGTGACGCTTTTTTTTTTTAACTAAACAATTTTTTTTTTTCCCGTCAGGGCTTTTTTTTTTTCTGTTACAGT
H6	8-6	GGACTCTATCTTTTTTTTTTTCCTACGGAACCTTTTTTTTTTTAATTCACAGTCTTTTTTTTTTTGCCCGCAGCT
A7	9-1	GGGACCCTTCATTTTTTTTTTTACTAACGACCTTTTTTTTTTTCCAACCGCCATTTTTTTTTTTGACCTTCTGT
B7	9-2	GCCTGATATTGTTTTTTTTTTTGAATCACTCTTTTTTTTTTTCACAGGGATTTTTTTTTTTTGCCTAATTAAT
C7	9-3	GGGTACCGACTTTTTTTTTTTTCCCTTACGTTTTTTTTTTTCGCTTCAGTTTTTTTTTTTGCCTCGGTAGC
D7	9-4	CTTCCGAGAAGTTTTTTTTTTGTCAATTTGGATTTTTTTTTTTGCGTACGGTTTTTTTTTTTAGTGGCCAAGC
E7	9-5	GTCTCAGGCGCTTTTTTTTTTCTTGAGAATGTTTTTTTTTTGATAGAGTCTTTTTTTTTTTATTGTTAGTT

m3.1

Well	Name	Sequence
A1	1-1	ATACAACACCGCCAAACACGC
B1	1-2	GGGCGACCGCATACTGTGTAT
C1	1-3	CCAGGTACGATGAGTAGTTGT
D1	1-4	TAATTTGGTACGCGCATTCAA
E1	1-5	GTCCACGGCGGCTAATAAGTT
F1	1-6	TTTTTTTTTTGTTCTCGTCAT
G1	2-1	TTTTTTTTTTTGCGTGTGGCGATTTGACTAACCTGTGTGAG
H1	2-2	GGTGTGTATATACACAGTATTCATGATATCTCATAGGGCCT
A2	2-3	GCGGTGCGCCACAACACTACTCAGCATTGGGCGGTTGGGCTACC
B2	2-4	TCGTACCTGGTTGAATGCGCGAGGCCTCCGCCTAAGTAGATT
C2	2-5	TACCAAATTAACCTTATTAGCGTGGTTGACGCAATTCGAGA
D2	2-6	CGCCGTGGACATGACGAGAACATGGGAATGGCTTTTTTTTTTT
E2	3-1	GCTGCTATATCCCTGCTTCTCTTAGTCAAATCTTTTTTTTTTT
F2	3-2	ACCTTTCTGCAGAAAGTGATCAGATATCATGACTCACACAGG
G2	3-3	CAGGTGGAAGGGCCAAAGAATCCGCCAATGCAGGCCCTATG
H2	3-4	AGCCAAACTGCTTGCAATGATGGGCGGAGGCCTGGTAGCCCAA
A3	3-5	ATACTGGTTTGTTCAGCCGTGGCGTCAACCACAATCTACTTA
B3	3-6	TTTTTTTTTTTCGAGTAGTCTGGCCATTCCCATTCTCGAAATT
C3	4-1	TTTTTTTTTTTGAGAAGCAGGGACTCACGGATGCTTAGGACCC
D3	4-2	ATATAGCAGCGATCACTTTCTAAGCTCATCCTCATTATCAAT
E3	4-3	GCAGAAAGGTATTCTTTGGCCTTACATGAGCGTGGACCAACT
F3	4-4	CTTCCACCTGCATCATGCAAGGCAAACGCTCGCGTACGACAC
G3	4-5	CAGTTTGGCTCAGGGCTGAACAGTTATTTGTACTCGGTATAG
H3	4-6	AAACCAGTATCAGACTACTCGAGCTCCAACCCTTTTTTTTTTT
A4	5-1	ACGGCAGGATGATCTGTGATTCATCCGTGAGTTTTTTTTTTTT
B4	5-2	TGGCGCCAGCACGCGGTACTTAGGATGAGCTGGGTCCTAAG
C4	5-3	ACCGACGTTCTTCGACTGCTACGCTCATGTAAATTGATAATG
D4	5-4	AGACAGTGTGCTGACATAATTCGAGCGTTTGCAGTTGGTCCA
E4	5-5	TATCACGTGATGATGTAAACGTACAAATAACTGTGTCGTACG
F4	5-6	TTTTTTTTTTTAGCTAGATCACGGGTTGGAGCTCTATACCGAG
G4	6-1	TTTTTTTTTTAATCACAGATCAGTTCTACTAGGGCACCAGT
H4	6-2	ATCCTGCCGTAAGTACCGCGTGAGCGTGCCAGTCGGACTGGG
A5	6-3	GCTGGCGCCATAGCAGTCGAAAGACAGTATCTTACCCGTAG
B5	6-4	GAACGTCGGTAATTATGTGTCAGCGCCCGTGGAGGATGATTCAT
C5	6-5	CACACTGTCTCGTTTACATCAGAATTCCCGCAAGCGGGCCG
D5	6-6	TCACGTGATAGTGATCTAGCTACAAGCGCTGATTTTTTTTTTT
E5	7-1	TTGAACGATAATCAATGGAAGTAGTAGAACTTTTTTTTTTTTT
F5	7-2	CCGTTCTGCTGCAACCGCCGCTGGCAGCCTCACTGGTGCCC
G5	7-3	ACTCCGCGTAGATCCAAAGATAGATACTGTCTCCAGTCCGA
H5	7-4	AATGACCGCTCCACACGCTCACTCCACGGGCGCTACGGGTAG
A6	7-5	CTTCAAGGATCCTATTCTCCGCCGGGAATTCATGAATCATC
B6	7-6	TTTTTTTTTTTCGACTCTCGGATCAGCGCTTGTGCGCCCGCTT
C6	8-1	TTTTTTTTTTCTTCCATTGATATATGCCTAATACTGAACGTT
D6	8-2	TATCGTTCAACCGCGGTTGCGTGGTACTCTTATAACCCTCGC
E6	8-3	AGCAGAACGGATCTTTGGATCAAACGACTCGAATCAAAGGCT
F6	8-4	TACGCGGAGTTGAGCGTGTGGGTCTTGTGTCCTGCTAATATG
G6	8-5	AGCGGTCATTGGAGAAATAGGGTCTATTCTGAACCTAGTAG
H6	8-6	ATCCTTGAAGTCCGAGAGTCGCGCCGAGCGATTTTTTTTTTTT
A7	9-1	CTCATTTACCTACCATAATATATTAGGCATATTTTTTTTTTTT
B7	9-2	AATAGTGAGGCACGCTTCATTAAGAGTACCACAACGTTTCAGT
C7	9-3	GATATTTAAACGTCGCTCCCTCGAGTCGTTTGGCAGGGTAT
D7	9-4	CATCCCGGCAGCATAAGAGGAGGACACAAGACAGCCTTTGAT
E7	9-5	ACGCCTACAGGCGCCTTACTGTCAGAATAGACCATATTAGCA

[Back to overview](#)

F7	9-6	TTTTTTTTTTAATGCACAACGATCGCTCGGCGCTACTAGAGT
G7	10-1	TTTTTTTTTTATATTATGGTAGGACCGCTGTAAC TTACTAA
H7	10-2	GGTAAATGAGAATGAAGCGTGAGCAGGATGAATTCAAAAGTCG
A8	10-3	CCTCACTATTGGGAGCGGACGTCTTCTCATGTTGCTTGTGGG
B8	10-4	TTTAAATATCTCCTCTTATGCCGGCAAAC TGAAC TGGGCTGC
C8	10-5	TGCCGGGATGCAGTAAGGCGCCGTCCTCCGGTTCAC TTACGT
D8	10-6	CTGTAGGCGTCGTTGTGCATTCCCTCTAGCATATTTTTTTTTT
E8	11-1	TACAGCGGTCCTTTTTTTTTT
F8	11-2	TTCATCCTGCTTTAGTAAAGT
G8	11-3	ACATGAGAAGACGACTTTGAA
H8	11-4	TCAGTTTGCCGCCCAAGCA
A9	11-5	ACCGGAGGACGGCAGCCAGT
B9	11-6	TATGCTAGAGGACGTAAGTGA
C9		
D9		
E9		
F9		
G9		
H9		
A10		
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m3.1_10T

[Back to overview](#)

Well	Name	Sequence
A1	1-1	ATACAACACCTTTTTTTTTTGCCAAACACGC
B1	1-2	GGGCGACCGCTTTTTTTTTTATACTGTGTAT
C1	1-3	CCAGGTACGATTTTTTTTTTTGAGTAGTTGT
D1	1-4	TAATTTGGTATTTTTTTTTTCGCGCATTCAA
E1	1-5	GTCCACGGCGTTTTTTTTTTGCTAATAAGTT
F1	1-6	TTTTTTTTTTTTTTTTTTTTGTTCTCGTCAT
G1	2-1	TTTTTTTTTTTTTTTTTTTTGCGTGTGGCTTTTTTTTTTGATTTGACTAATTTTTTTTTTCTGTGTGAG
H1	2-2	GGTGTGTATTTTTTTTTTATACACAGTATTTTTTTTTTTCATGATATCTTTTTTTTTTTCATAGGGCCT
A2	2-3	GCGGTGCGCCCTTTTTTTTTTACAACACTCATTTTTTTTTTGCATTGGGCGGTTTTTTTTTTTTGGGCTACC
B2	2-4	TCGTACCTGGTTTTTTTTTTTTGAATGCGCGTTTTTTTTTTAGGCCTCCGCTTTTTTTTTTTAAGTAGATT
C2	2-5	TACCAAATTAATTTTTTTTTTAACTTATTAGCTTTTTTTTTTGTGGTTGACGCTTTTTTTTTTAATTCGAGA
D2	2-6	CGCCGTGGACTTTTTTTTTTATGACGAGAACTTTTTTTTTATGGGAATGGCTTTTTTTTTTTTTTTTTTTT
E2	3-1	GCTGCTATATTTTTTTTTTCCCTGCTTCTCTTTTTTTTTTTAGTCAAATCTTTTTTTTTTTTTTTTTTTT
F2	3-2	ACCTTCTGCTTTTTTTTTTAGAAAGTGATCTTTTTTTTTTATGATATCATGATTTTTTTTTTCTCACACAGG
G2	3-3	CAGGTGGAAGTTTTTTTTTTGGCCAAAGAATTTTTTTTTTCCGCCAATGCTTTTTTTTTTAGGCCCTATG
H2	3-4	AGCCAAACTGTTTTTTTTTCTTGATGATGTTTTTTTTTGGCGGAGGCCTTTTTTTTTTGGTAGCCCAA
A3	3-5	ATACTGGTTTTTTTTTTTTGTTTCAGCCGTGTTTTTTTTTGCCTCAACCCTTTTTTTTTTAATCTACTTA
B3	3-6	TTTTTTTTTTTTTTTTTTCGAGTAGTCTGTTTTTTTTTGCATTCCTATTTTTTTTTTCTCGAAAT
C3	4-1	TTTTTTTTTTTTTTTTTGTAGAAGCAGGTTTTTTTTTACTCACGGATGTTTTTTTTTCTTAGGACCC
D3	4-2	ATATAGCAGCTTTTTTTTTTGATCACTTCTTTTTTTTTTAAGCTCATCCTTTTTTTTTTTCATTATCAAT
E3	4-3	GCAGAAAGTTTTTTTTTATTCTTTGGCCTTTTTTTTTTTACATGAGCGTTTTTTTTTTGGACCAACT
F3	4-4	CTTCCACCTGTTTTTTTTTTCATCATGCAAGTTTTTTTTTGCAAACGCTCGTTTTTTTTTTCGTACGACAC
G3	4-5	CAGTTTGGCTTTTTTTTTTTCAGGGCTGAACTTTTTTTTTAGTTATTTGTATTTTTTTTTTCTCGGTATAG
H3	4-6	AAACCAGTATTTTTTTTTTTCAGACTACTCGTTTTTTTTTGTAGCTCAACCCTTTTTTTTTTTTTTTTTTT
A4	5-1	ACGGCAGGATTTTTTTTTTGATCTGTGATTTTTTTTTTTCATCCGTGAGTTTTTTTTTTTTTTTTTTTTT
B4	5-2	TGGCGCCAGCTTTTTTTTTTACGCGGTACTTTTTTTTTTTAGGATGAGCTTTTTTTTTTTGGGTCTAAG
C4	5-3	ACCGACGTTCTTTTTTTTTTTCGACTGCTATTTTTTTTTTTCGCTCATGTAATTTTTTTTTTATTGATAATG
D4	5-4	AGACAGTGTGTTTTTTTTTCTGACATAATTTTTTTTTTTCGAGCGTTTGCTTTTTTTTTTAGTTGGTCCA
E4	5-5	TATCACGTGATTTTTTTTTTTGATGTAAACGTTTTTTTTTTTACAAATAACTTTTTTTTTTTGTGTCGTACG
F4	5-6	TTTTTTTTTTTTTTTTTTTAGCTAGATCACTTTTTTTTTTGGGTTGGAGCTTTTTTTTTTCTATACCGAG
G4	6-1	TTTTTTTTTTTTTTTTTTAATCACAGATCTTTTTTTTTTAGTTCCTACTATTTTTTTTTTTGGGCACCAGT
H4	6-2	ATCCTGCCGTTTTTTTTTTAAGTACCGCGTTTTTTTTTTGAGCGTGCCAGTTTTTTTTTTCGGACTGGG
A5	6-3	GCTGGCGCCATTTTTTTTTTTAGCAGTCAATTTTTTTTTTTAGACAGTATCTTTTTTTTTTCTACCCGTAG
B5	6-4	GAACGTCGGTTTTTTTTTTAATATGTGAGTTTTTTTTTTCGCCCGTGGAGTTTTTTTTTTGATGATTCAT
C5	6-5	CACACTGTCTTTTTTTTTTTCGTTTACATCATTTTTTTTTTGAATTCGCGCTTTTTTTTTTAAGCGGGCCG
D5	6-6	TCACGTGATAATTTTTTTTTTGTGATCTAGCTTTTTTTTTTTACAAGCGCTGATTTTTTTTTTTTTTTTTT
E5	7-1	TTGAACGATAATTTTTTTTTTATCAATGGAAGTTTTTTTTTTAGTAGGAACTTTTTTTTTTTTTTTTTTTT
F5	7-2	CCGTTCTGCTTTTTTTTTTTGCAACCGCGTTTTTTTTTCTGGCAGCTCTTTTTTTTTTACTGGTGCCC
G5	7-3	ACTCCGCGTATTTTTTTTTTGATCCAAAGATTTTTTTTTTTAGATACTGTCTTTTTTTTTTCCCAGTCCGA
H5	7-4	AATGACCGCTTTTTTTTTTTCACACGCTCATTTTTTTTTTCTCCACGGGCTTTTTTTTTTCTACGGGTAG
A6	7-5	CTTCAAGGATTTTTTTTTTTCCTATTCTCCTTTTTTTTTTGC CGGAATCTTTTTTTTTTATGAATCATC
B6	7-6	TTTTTTTTTTTTTTTTTTCGACTCTCGGATTTTTTTTTTTCAGCGCTTGTTTTTTTTTTCGGCCCGCTT
C6	8-1	TTTTTTTTTTTTTTTTTCTCCATGATTTTTTTTTTATATGCCTAATTTTTTTTTTACTGAACGTT
D6	8-2	TATCGTTCAATTTTTTTTTTCCGGCGGTGCTTTTTTTTTTGTGGTACTCTTTTTTTTTTTATAACCTCGC
E6	8-3	AGCAGAACGGTTTTTTTTTATCTTTGGATCTTTTTTTTTTAAACGACTCGATTTTTTTTTTATCAAAGGCT
F6	8-4	TACGCGGAGTTTTTTTTTTGAGCGTGTGGTTTTTTTTTGTCTTGTGTCCTTTTTTTTTTTGCTAATATG
G6	8-5	AGCGGTCATTTTTTTTTTTGGAGAAATAGGTTTTTTTTTGTCTATTCTGATTTTTTTTTTACTCTAGTAG
H6	8-6	ATCCTTGAAGTTTTTTTTTTCCGAGAGTCGTTTTTTTTTTCGCCGAGCGATTTTTTTTTTTTTTTTTTTTT
A7	9-1	CTCATTTACCTTTTTTTTTTACCATAATATTTTTTTTTTATTAGGCATATTTTTTTTTTTTTTTTTTTTT
B7	9-2	AATAGTGAGGTTTTTTTTTTCACGCTTCATTTTTTTTTTTAAGAGTACCCTTTTTTTTTTAAACGTTTCAGT
C7	9-3	GATATTTAAATTTTTTTTTTTCGTCGCTCCCTTTTTTTTTTTCGAGTCGTTTTTTTTTTTTTTCGAGGGTAT
D7	9-4	CATCCCGCATTTTTTTTTTTCGATAAAGAGGATTTTTTTTTTGGACACAAGACTTTTTTTTTTTAGCCTTTGAT
E7	9-5	ACGCCTACAGTTTTTTTTTTGCGCCTTACTGTTTTTTTTTTTCAGAATAGACTTTTTTTTTTTCATATTAGCA

F7 9-6 TTTTTTTTTTTTTTTTTTAAATGCACAACGTTTTTTTTTATCGCTCGGCGTTTTTTTTTCTACTAGAGT
G7 10-1 TTTTTTTTTTTTTTTTTTATATTATGGTATTTTTTTTTTGGACCGCTGTATTTTTTTTTTACTTTACTAA
H7 10-2 GGTAATGAGTTTTTTTTTAAATGAAGCGTGTTTTTTTTTTAGCAGGATGAATTTTTTTTTTCAAAGTCG
A8 10-3 CCTCACTATTTTTTTTTTTGGGAGCGGACGTTTTTTTTTCTTCTCATGTTTTTTTTTTGCTTGTGGG
B8 10-4 TTTAAATATCTTTTTTTTTTCCCTCTTATGCTTTTTTTTTTTCGGCAAACGATTTTTTTTTTACTGGGCTGC
C8 10-5 TGCCGGGATGTTTTTTTTTTCAGTAAGGCGCTTTTTTTTTTTCGTCTCCGGTTTTTTTTTTTCACTTACGT
D8 10-6 CTGTAGGCGTTTTTTTTTTCGTTGTGCATTTTTTTTTTCCCTCTAGCATATTTTTTTTTTTTTTTTTTTT
E8 11-1 TACAGCGGTCCTTTTTTTTTTTTTTTTTTTTT
F8 11-2 TTCATCCTGCTTTTTTTTTTTTTTAGTAAAGT
G8 11-3 ACATGAGAAGATTTTTTTTTTTCGACTTTGAA
H8 11-4 TCAGTTTGCCGTTTTTTTTTCCACAAGCA
A9 11-5 ACCGGAGGACGTTTTTTTTTTCAGCCCAGT
B9 11-6 TATGCTAGAGGTTTTTTTTTTACGTAAGTGA

C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
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D11
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A12
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m4.1

Well	Name	Sequence
A1	1-1	ACTAAGCACTTTTTTTTTTTT
B1	1-2	TGTATAGTATCCAGCAGCTTA
C1	1-3	CATCGTTACCGAGATTGATGG
D1	1-4	GGACTAGACCGTTAACCAGTT
E1	1-5	AATTCAAGCGTAGCCATCCTC
F1	1-6	TGGAGTTTCACCTGATGTTCC
G1	2-1	AGTGCTTAGTTAAGCTGCTGGGCCTGCTGGATCGGCATGTAG
H1	2-2	ATACTATAACCCATCAATCTCAGAAAGACTTTGACGATACTC
A2	2-3	GGTAACGATGAACTGGTTAACTCGCGCGAGCGACCCCTCAGTG
B2	2-4	GGTCTAGTCCGAGGATGGCTAACTATTATTTATGGACCGAAA
C2	2-5	CGCTTGAATTCGAACATCAGGGTATGCTCCCTACTGAAATAG
D2	2-6	TGAAACTCCATTTTTTTTTTTTCCCTCAGCTTTTTTTTTTTTTT
E2	3-1	TCCAGCAGGCTTTTTTTTTTTTACCGTTTGTTTTTTTTTTTTT
F2	3-2	AAGTCTTTCTCTACATGCCGACTTTAACCTAGATGCTCATTC
G2	3-3	GCTCGCGCGAGAGTATCGTCATGCTTAATACGAATCCTGACT
H2	3-4	AAATAATAGTCACTGAGGGTCTTCCCATCAAGTGGTTTGCCA
A3	3-5	GGGAGCATACTTCGGTCCATTCCTTACAGAGGTACGAGGT
B3	3-6	AAAGCTGAGGCTATTTTCAGTATAGCCATACTCGAAGGTCTTA
C3	4-1	ACAAACGGTAGAATGAGCATCCAGGGCGTGAGCCCTTGAGTT
D3	4-2	TAGGTTAAAGAGTCAGGATTCAGACATAGCGTCCGCGATCAG
E3	4-3	GTATTAAGCATGGCAAACCACGCCAGTATGTAAATCCCGGGC
F3	4-4	TTGATGGGAAACCTCGTACCTCGGCTCGGCCAGTGGTCAAG
G3	4-5	CTGTACGGGATAAGACCTTCGGTGGTAGCCACCCTCGCCT
H3	4-6	AGTATGGCTATTTTTTTTTTTTCCCGACCCTTTTTTTTTTTTT
A4	5-1	TCACGCCCTGTTTTTTTTTTTCTTACACTCATTTTTTTTTTTTT
B4	5-2	CGCTATGTCTAACTCAAGGGCCAGTACGTAAATCCGCGCAA
C4	5-3	ACATACTGGCCTGATCGCGGACCATAGACCATCGGACCCGCA
D4	5-4	GGCCGAGCCGCGCCGGGATTTATTCCTGCTGCTCAGATCAGA
E4	5-5	GGGCTACCACCTTGACCCTGCTTAGATTTATGTGTTTCGTAC
F4	5-6	AGTGGTCCGGAGGCGAGTGGTATGAGTGGCACATCGCATTTA
G4	6-1	TGAGTGTAGGTTGCGCGGATTGACCCATGTGCGCACGACTCC
H4	6-2	TACGTAACCTGTGCGGGTCCGATCCCGTCTGAGTCTATTCATC
A5	6-3	TGGTCTATGGTCTGATCTGAGAGTGCCTTCAAGCAAAGTTG
B5	6-4	CAGCAGGAATGTACGAACACATAGTGACACGGTGCGGAGCGT
C5	6-5	TAAATCTAAGTAAATGCGATGGGCACAACCCCTCCACAATGAA
D5	6-6	TGCCACTCATTTTTTTTTTTTATTGCACTTTTTTTTTTTTTTT
E5	7-1	CACATGGGTCTTTTTTTTTTTTCTCCGATAGTTTTTTTTTTTT
F5	7-2	TCAGACGGGAGGAGTCTGCGGTTTCGCATTACGAGGTAAGTA
G5	7-3	GAAGTGCCTGATGAATAGACAAACTGTTTAGGCTAGGATAT
H5	7-4	CGTGTCACTACAACCTTGCTTATAGGTCCTGGGCCGCTCCT
A6	7-5	GGGTTGTGCCACGCTCCGCACGATACTTATTCTAGAACTAGC
B6	7-6	AAAGTGCAATTCATTGTGGAATCCGGTTTCCATTTGTTCTA
C6	8-1	CTATCGGAGGTACTTACCTCGAGAAAGGGCGATTCCGATCGC
D6	8-2	TAATGCGAACATATCCTAGCCACCTTTCAGCATGCAAAGTTC
E6	8-3	TAAACAGTTTAGGAGGCGCCAGAACTCCACCTGCCACGTGA
F6	8-4	CAGGACCTATGCTAGTTCTAGTAGCTAGTCGTAGAATCTACT
G6	8-5	AATAAGTATCTAGAACAAATGGTGGCTTGTACCCGGAATGTG
H6	8-6	GAAACCGGATTTTTTTTTTTTTCGACCGTGTTTTTTTTTTTTT
A7	9-1	CGCCCTTTCTTTTTTTTTTTTATAGAATTCATTTTTTTTTTTTT
B7	9-2	GCTGAAAGGTGCGATCGGAATGACGTAAACGACAAAGTAAGG
C7	9-3	GTGGAGTTCTGAACTTTCATAGTGAATGTTGGAACATTGG
D7	9-4	CGACTAGCTATCACGTGGCAGGTGCACAGAATGAGCGGAAAT
E7	9-5	TACAAGCCACAGTAGATTCATTTGATCATCGATGCCCGCAG

[Back to overview](#)

F7	9-6	ACACGGTCGACACATTCCGGGAACCAAGTCTGTTTTAAAGTAC
G7	10-1	TGAATTCTATCCTTACTTTGTTTCGAAAGTAATCCCATTGTC
H7	10-2	CGTTTACGTCCCAATGTTCCACGACTGTGACGACAATTGTCG
A8	10-3	ACATTTCACTATTTCCGCTCAGGCTATGGCATGCAACGATAC
B8	10-4	TTCTGTGCACCTGCGGGCATCCATCCAGTGCCGTATGATACT
C8	10-5	GATGATCAAAGTACTTTAAACTCATCCCTGTTCAACTCTGCA
D8	10-6	AGACTTGGTTTTTTTTTTTTTTTGAAGACATCTTTTTTTTTTTT
E8	11-1	TACTTTCGAATTTTTTTTTTTT
F8	11-2	GTCACAGTCGGACAATGGGAT
G8	11-3	TGCCATAGCCCGACAATTGTC
H8	11-4	GCACTGGATGGTATCGTTGCA
A9	11-5	ACAGGGATGAAGTATCATACG
B9	11-6	GATGTCTTGCTGCAGAGTTGA
C9		
D9		
E9		
F9		
G9		
H9		
A10		
B10		
C10		
D10		
E10		
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F12		
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H12		

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[Back to overview](#)

Well	Name	Sequence
A1	1-1	ACTAAGCACTTTTTTTTTTTTTTTTTTTTTT
B1	1-2	TGTATAGTATTTTTTTTTTCCAGCAGCTTA
C1	1-3	CATCGTTACCTTTTTTTTTTGAGATTGATGG
D1	1-4	GGACTAGACCTTTTTTTTTGTAAACCAGTT
E1	1-5	AATTCAAGCGTTTTTTTTTTAGCCATCCTC
F1	1-6	TGGAGTTTCATTTTTTTTTTCCCTGATGTTCC
G1	2-1	AGTGCTTAGTTTTTTTTTTAAGCTGCTGGTTTTTTTTTGCCTGCTGGATTTTTTTTTTTCGGCATGTAG
H1	2-2	ATACTATACATTTTTTTTTTCCATCAATCTCTTTTTTTTTTAGAAAAGACTTTTTTTTTTTGACGATACTC
A2	2-3	GGTAACGATGTTTTTTTTTAACTGGTTAACTTTTTTTTTTTCGCGCAGCTTTTTTTTTTACCCCTCAGTG
B2	2-4	GGTCTAGTCCTTTTTTTTTGGAGGATGGCTATTTTTTTTTTACTATTATTTTTTTTTTTTTATGGACCGAAA
C2	2-5	CGCTTGAATTTTTTTTTTTCGAACATCAGGTTTTTTTTTGTATGCTCCCTTTTTTTTTTACTGAAATAG
D2	2-6	TGAAACTCCATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCTCAGCTTTTTTTTTTTTTTTTTTTTTT
E2	3-1	TCCAGCAGGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTACCCTTTGTTTTTTTTTTTTTTTTTTTTT
F2	3-2	AAGTCTTCTTTTTTTTTTCTACATGCCGATTTTTTTTTTCTTAACTATTTTTTTTTTGATGCTCATTC
G2	3-3	GCTCGCGCATTTTTTTTTTGGAGTATCGTCATTTTTTTTTTGTCTAATACTTTTTTTTTGAATCCTGACT
H2	3-4	AAATAATAGTTTTTTTTTCACTGAGGGCTTTTTTTTTTCCCATCAATTTTTTTTTTGTGGTTGCCA
A3	3-5	GGGAGCATACTTTTTTTTTTTCGGTCCATTTTTTTTTTCCCGTACAGTTTTTTTTTAGGTACGAGGT
B3	3-6	AAAGCTGAGGTTTTTTTTTCTATTTTCACTATTTTTTTTTTAGCCATACTTTTTTTTTTCGAAGGCTTA
C3	4-1	ACAAACGGTATTTTTTTTTTGAATGAGCATCTTTTTTTTTTCCAGGGCGTATTTTTTTTTTGCCCTGAGTT
D3	4-2	TAGGTTAAAGTTTTTTTTTAGTCAGGATTCCTTTTTTTTTTAGACATAGCGTTTTTTTTTCCGGATCAG
E3	4-3	GTATTAAGCATTTTTTTTTTGGCAAACCACTTTTTTTTTGCAGTATGTTTTTTTTTAAATCCCGGGC
F3	4-4	TTGATGGGAATTTTTTTTTTACCTCGTACCTTTTTTTTTTTCGGCTCGGCCTTTTTTTTTTTCAGTGGTCAAG
G3	4-5	CTGTACGGGATTTTTTTTTTAAAGACCTTCGTTTTTTTTTGTGGTAGCCCTTTTTTTTTTACCCTCGCCT
H3	4-6	AGTATGGCTATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCGACCACTTTTTTTTTTTTTTTTTTTTT
A4	5-1	TCACGCCCTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTACACTCATTTTTTTTTTTTTTTTTTTTTT
B4	5-2	CGCTATGTCTTTTTTTTTTAACTCAAGGGCTTTTTTTTTTTCAGTTACGTATTTTTTTTTTAAATCCGCGCAA
C4	5-3	ACATACTGGCTTTTTTTTTTCTGATCGCGGATTTTTTTTTTCCATAGACCATTTTTTTTTTTCGGACCCGCA
D4	5-4	GGCCGAGCCGTTTTTTTTTTCGCCGGGATTTTTTTTTTTTATTCTGCTGTTTTTTTTTCTCAGATCAGA
E4	5-5	GGGCTACCACCTTTTTTTTTTCTGACCACCTGTTTTTTTTTCTTAGATTTATTTTTTTTTTGTGTTTCGTAC
F4	5-6	AGTGGTCGGGTTTTTTTTTAGGCGAGTGGTTTTTTTTTATGAGTGGCATTTTTTTTTTTCATCGCATTTA
G4	6-1	TGAGTGTAGGTTTTTTTTTTCGCGGATTTTTTTTTTTCAGCCATGTGTTTTTTTTTTCGCACGACTCC
H4	6-2	TACGTAACGTTTTTTTTTTTCGGGTCGATTTTTTTTTTCCCGTCTGATTTTTTTTTTGTCTATTTCATC
A5	6-3	TGGTCTATGGTTTTTTTTTCTGATCTGAGTTTTTTTTTATAGTGCATCTTTTTTTTTTAAAGCAAAGTTG
B5	6-4	CAGCAGGAATTTTTTTTTTGTACGAACACATTTTTTTTTTATAGTACACGTTTTTTTTTGTGCGGAGCGT
C5	6-5	TAAATCTAAGTTTTTTTTTAAATGCGATGTTTTTTTTTGGCACAACCCTTTTTTTTTTCACAATGAA
D5	6-6	TGCCACTCATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATGCACTTTTTTTTTTTTTTTTTTTTTT
E5	7-1	CACATGGGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCTCCGATAGTTTTTTTTTTTTTTTTTTTTT
F5	7-2	TCAGACGGGATTTTTTTTTTGGAGTCTGCGTTTTTTTTTGTTCGCATTATTTTTTTTTTCGAGGTAAGTA
G5	7-3	GAAGTGCATTTTTTTTTTGGATGAATAGACTTTTTTTTTTAACTGTTATTTTTTTTTTGGCTAGGATAT
H5	7-4	CGTGTCACTATTTTTTTTTTCACTTTGCTTTTTTTTTTATAGTCTCTGTTTTTTTTTGGCCGCTCCT
A6	7-5	GGGTTGTGCTTTTTTTTTTACGCTCCGCACTTTTTTTTTTGATACTTATTTTTTTTTTCTAGAACTAGC
B6	7-6	AAAGTGCAATTTTTTTTTTTCATTTGTGGATTTTTTTTTTATCCGGTTCTTTTTTTTTTCATTTGTTCTA
C6	8-1	CTATCGGAGGTTTTTTTTTACTTACCTCGTTTTTTTTTTAGAAAAGGGCGTTTTTTTTTATCCGATCGC
D6	8-2	TAATGCGAATTTTTTTTTTATATCTAGCCTTTTTTTTTTACCTTTCAGCTTTTTTTTTTATGCAAAGTTC
E6	8-3	TAAACAGTTTTTTTTTTTTAGGAGGCGCCCTTTTTTTTTTAGAACTCCACTTTTTTTTTTCTGCCACGTGA
F6	8-4	CAGGACCTATTTTTTTTTTGTAGTTCTAGTTTTTTTTTGTAGTGTGTTTTTTTTTGTAGAACTACT
G6	8-5	AATAAGTATCTTTTTTTTTTTAGAACAAATGTTTTTTTTTGTGGCTGTATTTTTTTTTTCCCGAATGTG
H6	8-6	GAAACCGGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCGACCGTGTTTTTTTTTTTTTTTTTTTTTT
A7	9-1	CGCCCTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAGAATTCATTTTTTTTTTTTTTTTTTTTTT
B7	9-2	GCTGAAAGGTTTTTTTTTTCGATCGGAATTTTTTTTTTTCAGCTAAACGTTTTTTTTTTACAAAGTAAGG
C7	9-3	GTGGAGTCTTTTTTTTTTGAACCTTGCATTTTTTTTTTATAGTAAATGTTTTTTTTTTTGGAACTTGG
D7	9-4	CGACTAGCTATTTTTTTTTTTCACGTGGCAGTTTTTTTTTGTGCACAGAATTTTTTTTTTTCGACCGAAAT
E7	9-5	TACAAGCCACTTTTTTTTTTAGTAGATCTATTTTTTTTTTTTGTATCTTTTTTTTTTTGATGCCCGCAG

F7 9-6 ACACGGTCGATTTTTTTTTTTCACATTCCGGGTTTTTTTTTTAACCAAGTCTTTTTTTTTTGTTTAAAGTAC
G7 10-1 TGAATTCATTTTTTTTTTTCCTTACTTTGTTTTTTTTTTTTTCGAAAGTATTTTTTTTTTATCCCATGTC
H7 10-2 CGTTTACGTCTTTTTTTTTCCAATGTTCCATTTTTTTTTTCGACTGTGACTTTTTTTTTTGACAATTGTCG
A8 10-3 ACATTTCACTTTTTTTTTTATTTCCGCTCATTTTTTTTTTGGCTATGGCATTTTTTTTTTGCAACGATAC
B8 10-4 TTCTGTGCACTTTTTTTTTCTGCGGGCATCTTTTTTTTTTCATCCAGTGCTTTTTTTTTTCGTATGATACT
C8 10-5 GATGATCAAATTTTTTTTTTGTACTTTAAACTTTTTTTTTTCATCCCTGTTTTTTTTTTCAACTCTGCA
D8 10-6 AGACTTGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGAAGACATCTTTTTTTTTTTTTTTTTTTT
E8 11-1 TACTTTCGAATTTTTTTTTTTTTTTTTTTTTT
F8 11-2 GTCACAGTCGTTTTTTTTTTGACAATGGGAT
G8 11-3 TGCCATAGCCTTTTTTTTTTCGACAATTGTC
H8 11-4 GCACTGGATGTTTTTTTTTGTATCGTTGCA
A9 11-5 ACAGGGATGATTTTTTTTTTAGTATCATACG
B9 11-6 GATGTCTTGCTTTTTTTTTTGCAGAGTTGA

C9
D9
E9
F9
G9
H9
A10
B10
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D11
E11
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H12

m14_lowGC

[Back to overview](#)

Well	Name	Sequence
A1	1-1	GAAGTACAATTTTTTTTTTCTACAGATTC
B1	1-2	ATGATTGTTGATTTTTTTTTTAACTCTAAA
C1	1-3	CGAAGTAACTATTTTTTTTTTCATAATCGAA
D1	1-4	GATAGAAAGACTTTTTTTTTTGTAAATGC
E1	1-5	ATCATTGTGATTTTTTTTTTACTTATGTGA
F1	1-6	AACTTCTTAGATTTTTTTTTTTTTTTTTTT
G1	2-1	TTTTTTTTTTTTTTTTTAAATGGTCTAGTTTTTTTTTAAATTGTACTCTTTTTTTTTTTTTTTTTTT
H1	2-2	ATACATCTATTTTTTTTTTGTATACGTTACTTTTTTTTTTCAACAATCATTTTTTTTTTGAATCTGTAG
A2	2-3	TACAATCTCATTTTTTTTTTAAATAGGTTACATTTTTTTTTTGTACTTCGTTTTTTTTTTTTTAGAGTTA
B2	2-4	ATGTCATAAATTTTTTTTTTGACAGTTCTATTTTTTTTTTGTCTTCTATCTTTTTTTTTTTCGATTATG
C2	2-5	TCAATGAATGTTTTTTTTTTTACCAGTTATTTTTTTTTTTCACAAATGATTTTTTTTTTGCATTTACTA
D2	2-6	CTTACTCTTCTTTTTTTTTTGTAGTTCTTTGTTTTTTTTTCTAAGAAGTTTTTTTTTTTCACATAAGT
E2	3-1	ATTAGATATAGTTTTTTTTTTCATCTAAAGATTTTTTTTTTATAGATGTATTTTTTTTTTCTAGAACCAT
F2	3-2	TTGCTTATGATTTTTTTTTTAAACCAACAGTTTTTTTTTGTAGATTGTATTTTTTTTTTGTAAAGTATCA
G2	3-3	TTTAGTGATATTTTTTTTTTACCAGTTCTTTTTTTTTTATGACATTTTTTTTTTGTAACTTAT
H2	3-4	AGTAAAGAATCTTTTTTTTTTATAGTGAATTTTTTTTTTTCATTCATTGATTTTTTTTTTATAGAACTGTC
A3	3-5	CATTTAGGTAGTTTTTTTTTATTACAGAAGTTTTTTTTTGAAGAGTAAGTTTTTTTTTATAACGGTAAA
B3	3-6	AATTACGTAGTTCAAAGAACTA
C3	4-1	TTTTTTTTTTTTTTTTTAAACCATAGTTTTTTTTTCTATATCTAAATTTTTTTTTTTTTTTTTTTT
D3	4-2	AATTGCAGTTTTTTTTTTTGAATGAACAATTTTTTTTTTATCATAAGCAATTTTTTTTTTCTTTAGATG
E3	4-3	ACTAAAGCATTTTTTTTTTATACATATTTGGTTTTTTTTTATATCACTAAATTTTTTTTTTCTGTTGGTTT
F3	4-4	AAAGCTTACTTTTTTTTTTATTTGCTATGATTTTTTTTTTGTATCTTACTTTTTTTTTTGAACATGGT
G3	4-5	TTTGCATTAATTTTTTTTTTGTATCTATAACAATTTTTTTTTTCTACCTAAATGTTTTTTTTTTTCACTATAA
H3	4-6	CTTGTATTAGTTTTTTTTTGTGTTATTGGTTTTTTTTTACTACGTAATTTTTTTTTTCTTCTGTAAT
A4	5-1	TTAGTAAGTGATTTTTTTTTTAACTCTAGTTTTTTTTTAACTGCAATTTTTTTTTTACTATGGTTAA
B4	5-2	AGTATGATGAATTTTTTTTTTGTATAGTTTTTTTTTATGCTTAGTTTTTTTTTTGTTTCATTCT
C4	5-3	TGTTCTAAATCTTTTTTTTTTGTAGTACATGTTTTTTTTTGTAAAGACTTTTTTTTTTTCCAATATGTAT
D4	5-4	TTAACTGTAACTTTTTTTTTATCATGTAGATTTTTTTTTTAAATGCAAATTTTTTTTTTTCATAGCAAAT
E4	5-5	TAAAGTAGCATTTTTTTTTTATGGTACTTTTTTTTTTCTAATACAAGTTTTTTTTTTGTATAGATC
F4	5-6	TGTTAAGAACATTCCAATAACAAC
G4	6-1	TTTTTTTTTTTTTTTTTCTACTTCATTTTTTTTTTTTCACTTACTAATTTTTTTTTTTTTTTTTTTT
H4	6-2	CAGATTATCTTTTTTTTTTGTGATCAATTTTTTTTTTTTTTTCATCATACTTTTTTTTTTACTAGAGATT
A5	6-3	GACTTTAAGTTTTTTTTTAAATCGTAATGTTTTTTTTTGTATTTAGAACATTTTTTTTTTACTATACTAA
B5	6-4	CTACAAATCTTTTTTTTTTATGCTAACAAGTTTTTTTTTGTACAGTTAATTTTTTTTTTTCATGTACACT
C5	6-5	AATGTAATTTGTTTTTTTTTGAATTTCTTATTTTTTTTTTATGCTACTTTATTTTTTTTTTCTACATGAT
D5	6-6	CTCTTGTAATTTTTTTTTTGTAGATCATCTTTTTTTTTTGTCTTAAACATTTTTTTTTTAAAGTACCATA
E5	7-1	AGTACATCAACTTTTTTTTTTAACTTTGAGTTTTTTTTTGTAGATAATCTGTTTTTTTTTAAATGAAGTAG
F5	7-2	TATGTAATGACTTTTTTTTTTCTAATTTGTTTTTTTTTACTTAAAGCTTTTTTTTTTAAATGATCAC
G5	7-3	TATTGAACGATTTTTTTTTTGTAGATGATTTTTTTTTTGTAGATTGTAGTTTTTTTTTACATTACGATT
H5	7-4	AAGTTGAGTTTTTTTTTGTATGATTAACTTTTTTTTTCAAATACATTTTTTTTTTCTTGTAGCAT
A6	7-5	GAAATGCTTAGTTTTTTTTTATTGAGAAATTTTTTTTTTATTACAAGAGTTTTTTTTTATAAGAAATTC
B6	7-6	ACGTAATCATTAAAGATGATCCT
C6	8-1	TTTTTTTTTTTTTTTTTGTATATAACATTTTTTTTTTGTGATGATGACTTTTTTTTTTTTTTTTTTTT
D6	8-2	GCTGTTGTATTTTTTTTTTGTCAATCAATTTTTTTTTTGTCAATACATTTTTTTTTTCTCAAAGTTA
E6	8-3	GTGATACTATTTTTTTTTTGTGATTTCTGTTTTTTTTTATCGTTCAATATTTTTTTTTTCCAATTAGAA
F6	8-4	ACTATGTTAGTTTTTTTTTCTATATGCTTTTTTTTTTAAACCAACTTTTTTTTTTTTACACTATCT
G6	8-5	CTATCATTTGTTTTTTTTTTCATTCACATATTTTTTTTTTCTAAGCATTTCTTTTTTTTTTGTAAATCATC
H6	8-6	ACAGAAACAGTTTTTTTTTATCTTTGTGTTTTTTTTTGTAGTACGTTTTTTTTTTATTTCTCAAT
A7	9-1	AAGTATTACATTTTTTTTTTCAAGATCATTTTTTTTTTTACAAACAGCTTTTTTTTTTAAATGTTATACT
B7	9-2	ATGTTTGAAGTTTTTTTTTCTTCAAGTTTTTTTTTTATAGTATCACTTTTTTTTTTATTGATTGACA
C7	9-3	TACTCAGAATTTTTTTTTTTGGTTGTAATTTTTTTTTTCTAACATAGTTTTTTTTTTTCAGAAATCACA
D7	9-4	TCGATGATATTTTTTTTTTCTGTTGTTAATTTTTTTTTTACAATGATAGTTTTTTTTTTAGACATATAGA
E7	9-5	GCTTGAATGATTTTTTTTTTAAAGTTGGATTTTTTTTTTCTGTTCTGTTTTTTTTTTATGTTGAATG

m10

Well	Name	Sequence
A1	1-1	AGCCCACTCGGGCGCGGACGG
B1	1-2	TCAGCGATATTAGGCTGTTAA
C1	1-3	ATCTCGACGATCGCATGCAGC
D1	1-4	CAACGCTCCTAGTCATCTTTC
E1	1-5	GATATAGCACCCGATTACCT
F1		
G1	2-1	TTTTTTTTTTTTTTTTTTTTTTACTTTCTCTCGCAACTTAGTA
H1	2-2	TTTTTTTTTTTTTTTTTTTTTCCGTCGCGCCCGAGTGGGCT
A2	2-3	TTAACAGAAGACAGGTGATAACCCTGGCACACCTCGATTAAC
B2	2-4	GAGTTTACCTAATATCGCTGAGCTGCATGCGATCGTCGAGAT
C2	2-5	GAAAGATGAAGGCGGGCGAGCCGGCTCACTAACGTCGGTTCG
D2	2-6	TTTAGCAGACTAGGAGCGTTGAGGTGAATCGGGTGTATATC
E2	3-1	TTATCACCTGTCTTTAACTCTACTAAGTTGCGAGGTGCCGA
F2	3-2	TAGCAATGGATGACCCGGGATCATTGGATTAGACAGAAAGT
G2	3-3	GCTCGCCCGCCTTCTGCTAAAGTTAATCGAGGTGTAATTGT
H2	3-4	ACGTGTTTGTACGACCGTTGATGTGTCTGTGAGTTGCCAGGG
A3	3-5	TTTTTTTTTTTTTTTTTTTTTTCGAACCGACGTTAGCATAGTC
B3	3-6	TTTTTTTTTTTTTTTTTTTTTCATCCCTGTGGTCTGAGCCG
C3	4-1	TTTTTTTTTTTTTTTTTTTTTGCCACCCTCCCTTCAAGATC
D3	4-2	TTTTTTTTTTTTTTTTTTTTTTCGGCACGTCTAATCCGAATG
E3	4-3	ATCCCGGCCATTGAGGTACCGTCGAAGCAGCGACCCAAGCTT
F3	4-4	TCAATCTGTCAATCCATTGCTAACAATTTAACTCACAGACACA
G3	4-5	TCAACGGCAATGGTCACTACAGTACATGGTTGACAGGTTGGT
H3	4-6	GGAGCACTCGTACAAACACGTGACTATGGACCACAGGGAATG
A4	5-1	CGGTACCTCAATGGAGATTGAGATCTTGAAGGGAGTCTGAAG
B4	5-2	CAGGATCCACGGTAAAGCTATTCCCTCTTCGAACAGGTGGGC
C4	5-3	TGTAGTGACCATTGGTGCTCCAAGCTTGGGTCGCTAGCTGGT
D4	5-4	CGAGTGTTTAAACGAGCCCTAATCTCGAGTATCCCTGCTTCGA
E4	5-5	TTTTTTTTTTTTTTTTTTTTTACCAACCTGTCAACTTTAGCG
F4	5-6	TTTTTTTTTTTTTTTTTTTTTCTCTACGGTGGGTACATGTAC
G4	6-1	TTTTTTTTTTTTTTTTTTTTTACGGCGAAAGATGCATATACG
H4	6-2	TTTTTTTTTTTTTTTTTTTTTCTTCAGATGTTCGAAGAGGGA
A5	6-3	ATAGCTTGAATAGGGCGTTAATCTGGAAGGGATACCCTGACA
B5	6-4	CGTTAAATACCGTGGATCCTGACCAGCTAGGGATACTCGAGA
C5	6-5	TTAGGGCAAATTCCTCGAGCAGCCAGAGATCATGTCTCTAGA
D5	6-6	TCCAGTTTCGTTAAACACTCGCGCTAAATACCCACCGTAGAG
E5	7-1	TTAACGCCCTATTCTTTAACGCGTATATGCATCTTTAATTGT
F5	7-2	TGTTACCCGTTATCATCGTATGGTCTACTCGGATTTCCGCCGT
G5	7-3	TGCTCGAGGAATTTAACTGGATGTCAGGGTATCCCAGGTTAA
H5	7-4	GCGCTTTCGCTTGTAATTAGACGAGACATCGAGCTCCAGA
A6	7-5	TTTTTTTTTTTTTTTTTTTTTCTAGAGACATGATAAGGCAG
B6	7-6	TTTTTTTTTTTTTTTTTTTTTATACGCGGTGAGCTCTGGC
C6	8-1	TTTTTTTTTTTTTTTTTTTTTACTGCCGGAACGCTGCCCT
D6	8-2	TTTTTTTTTTTTTTTTTTTTTACAATTAATCCGAGTAGACC
E6	8-3	ATACGATCGATTTCTTAGCAGGCCAAAGGAGCGTTGGTCACA
F6	8-4	GCTATTGGATAACGGGTAACATTAACCTGCTCGATGTCTCGT
G6	8-5	CTAATTCGATATACGGGTTGCTGGCATTATACGAACTTGATT
H6	8-6	TGGGCCCAAGCGAAAGCGCCTGCCTTCTCACCGGCAGTAT
A7	9-1	CTGCTAAGAAATCGCAATAGCAGGGCAGCGTCCGGCTAAAT
B7	9-2	TGTCGTGTATGGTGCAAAGACACTGAAGCTGGGCCGAGTAA
C7	9-3	GCAACCCGTATATCGGGCCCATGTGACCAACGCTCTTGGGTT
D7	9-4	GACAAGGTCTAGCGTTACTTGGTACTGTGTGTACTTTGGC
E7	9-5	TTTTTTTTTTTTTTTTTTTTTAAATCAAGTTCGTATAGCTCAG

[Back to overview](#)

F7 9-6 TTTTTTTTTTTTTTTTTTTTTTTCTACGGACGCTCCAATGCCA
G7 10-1 TTTTTTTTTTTTTTTTTTTTTTGGGCTACCGAGGGTCTGGGCC
H7 10-2 TTTTTTTTTTTTTTTTTTTTTTATTTAGCGGCCAGCTTCAGT
A8 10-3 GTCTTTGGGTCCGCAGGGCTCGGAACGCTATGCCGCCCTCTA
B8 10-4 GGTTCATCACCATACACGACAAACCAATACACACACAGTAC
C8 10-5 CAAGTAATCCGGCGCTCCCGCGCGCACATGGGCATACGCCTG
D8 10-6 TATCGCGCGCTAGACCTTGTCCCTGAGCTGGAGCGTCCGTAGA
E8 11-1 GGCCCAGACCCTCGGTAGCCC
F8 11-2 GAGCCCTGCGGACCATGAACC
G8 11-3 TAGAGGGCGGCATAGCGTTCC
H8 11-4 GCGGGAGCGCCGGACGCGATA
A9 11-5 CAGGCGTATGCCCATGTGCGC

B9
C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
E10
F10
G10
H10
A11
B11
C11
D11
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F11
G11
H11
A12
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C12
D12
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G12
H12

m10_highGC

Well	Name	Sequence
A1	1-1	GCAGACTGGACTCGGCATCCT
B1	1-3	CGGACCCGTAGCGTCCGTGCA
C1	1-5	GGAGGTCCCAGCAACGCGCGTT
D1	1-2	CGCCATGGGCTGAGCTCGGGC
E1	1-4	AGGGAGCTGGGACCAGCGTGA
F1	1-6	
G1	2-2	TTTTTTTTTTTTTTTTTTTTTAGGATGCCGAGTCCAGTCTGC
H1	2-4	CGCACAGCTCAGCCCATGGCGTGCACGGACGCTACGGGTCCG
A2	2-6	GGCATGGGGTCCCAGCTCCCTAACGCGCGTTGCGGGACCTCC
B2	2-1	TTTTTTTTTTTTTTTTTTTTTGTGGGAGACCAGCGTGGCCGTC
C2	2-3	GCCCGAGCAGGCTACCCACGGGACACGTCGGTGTGGCAGCGA
D2	2-5	TCACGCTCTCCAGGTCCGCACGACGCTCGGCCACTGCACCC
E2	3-1	CCGTGGGTAGCCTGCTGTGCGGACGGCCACGCGGTTGGGTGA
F2	3-3	TGCGGACCTGGGAGCCATGCCTCGCTGCCACACCGCGCAGGT
G2	3-5	TTTTTTTTTTTTTTTTTTTTTGGGTGCAGTGGCCAGGTGGGT
H2	3-2	GCTGGACCCAGCGCACTGCCCTAGGCAGCTGGCACCTCCAC
A3	3-4	TCGCTCCGCTCTCCGACGCACTCCCGCGGTTCCCTACGTGTC
B3	3-6	TTTTTTTTTTTTTTTTTTTTTGGCAGAGCCGACCAGACGTCG
C3	4-2	TTTTTTTTTTTTTTTTTTTTTACCAGTGCAGCTGCCTA
D3	4-4	CTGGCGCGCGCTGGGTCCAGCACCTGCGAGGAAACCGCGGG
E3	4-6	ATCCGGCCGGAGACGGAGCGAACCACCTGGTCGGCTCTGGC
F3	4-1	TTTTTTTTTTTTTTTTTTTTTAGACGCGTGAGAGCAGCCTCG
G3	4-3	GGGCAGTTCACCGGTGGCACGGTTCCTCCGGACACCCGCAT
H3	4-5	AGTGCGTCGAGGTGCTGGGCCGCTGTGGAGCCTGCGCGCCTG
A4	5-1	CGTGCCACCGTGGAGCGCCAGCGAGGCTGCTCAACGGTGA
B4	5-3	GGCCCACGACCTCGGCCGGATATGCGGGTGTCCGGGGGACC
C4	5-5	TTTTTTTTTTTTTTTTTTTTTTCAGGCGCGCAGGCTTGGTCGC
D4	5-2	TCACCTCGGAGCCACTCGGTCTGGGCGAAGGACCCGCGTCT
E4	5-4	CTCGTGCTCCTGCGGTACGGGCCTGGTGCCTGCAAGGGAAC
F4	5-6	TTTTTTTTTTTTTTTTTTTTTGCCTCGCGTGCCTCCACAGC
G4	6-2	TTTTTTTTTTTTTTTTTTTTTTCACCGTGGTCTTCGCCCAG
H4	6-4	TTCGGGATGGCTCCGAGGTGAGGTGCCTGCAGGCACCAGGC
A5	6-6	CTCCTGGCGCAGGAGCACGAGGCGACCAGGCACGCGACGGGC
B5	6-1	TTTTTTTTTTTTTTTTTTTTTCTCCGCGTAGCAGCTCTGCG
C5	6-3	GACCGAGTGCACCGAGCGGTAGGGCTGTGCAGGGCGCTCGAC
D5	6-5	CCGTGACGACGCCACACTGCGGGCCATTGCCAGGCGTAGGG
E5	7-1	TACCGCTCGGTGCATCCCGAACGACAGAGCTGCTACTGGTCCA
F5	7-3	GCAGTGTGGGCGTCCCAGGAGTTCGAGCGCCTGCCCGTCC
G5	7-5	TTTTTTTTTTTTTTTTTTTTTCCCTACGCTGGCACTCTCGC
H5	7-2	ACCGTAGGCGTGTGGTGCCTCGCATTCGCGCAAGCGCGGAGG
A6	7-4	GAGGAGGTGGGCTCTCCTCCCTGGCTGCGGAAGGCACAGCCC
B6	7-6	TTTTTTTTTTTTTTTTTTTTTTCATCGACCTGCTGATGGCCC
C6	8-2	TTTTTTTTTTTTTTTTTTTTTGGACCAGCTGCCGCAATGC
D6	8-4	CTGGCTCCACACGCCCTACGGTGGACGGGGCCTTCGCGAGCCA
E6	8-6	GTCGCACGAGCCACCTCCTCGGAGAGCAGCAGGGTCGATG
F6	8-1	TTTTTTTTTTTTTTTTTTTTTGGGTTCGTGGCGCGAGTCTCC
G6	8-3	GGCGCACACCAGCCGCTCCCGGGCGTTGCGAGCCCGCTGCG
H6	8-5	GGGAGGAAGGCCGGGCTAGAGCTCCAGGGCCGACTGGCCCA
A7	9-1	GGGAGGCGGCTGGTGGCCAGGGAGACTCGCGCCAAGCGTGC
B7	9-3	CTCTAGCCCGGCTGTGCGACCGCAGCGGGCTCGCGCGACCG
C7	9-5	TTTTTTTTTTTTTTTTTTTTTGGGCCAGTCCGGGCTGAGCCC
D7	9-2	TGACCGTCGACCGGATCCCGCTCTGACCCGGACGACGAACCC
E7	9-4	ACGGACGTGGGACGACCGCTGGCCGAGACGCCAGCAACGCCC

[Back to overview](#)

F7 9-6 TTTTTTTTTTTTTTTTTTTTTTCAAGGAGGGCCAAGCCTGGAG
G7 10-2 TTTTTTTTTTTTTTTTTTTTTTGCACGCTTCGTCCGGGTCAGA
H7 10-4 CCTCCAGCCGGTCGACGGTCACGGTCGCGCTGGCGTCTCGGC
A8 10-6 CCTGTGGCGTCCCACGTCCGTGGGCTCACTGGCCCTCCTTG
B8 10-1 TTTTTTTTTTTTTTTTTTTTTTCCCTGTCGGGTCGCCCTTTGGC
C8 10-3 GCGGGATACCGGCACCCGGTCCGAAGCAGGTCGAGGCAGGCC
D8 10-5 CAGCGGTGTGTCTCGAGCACCGCATCGGTCGGACAGGGACC
E8 11-2 GACCGGGTGCCGGTCTGGAGG
F8 11-4 GGTGCTCGAGACCCACAGG
G8 11-6
H8 11-1 GCCAAAGGGCGACCCGACAGG
A9 11-3 GGCCTGCCTCGACCTGCTTCG
B9 11-5 GGTCCCTGTCCGACCGATCGC
C9
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B10
C10
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[Back to overview](#)

Well	Name	Sequence
A1	1-1	ACTAATGCACCTTTTTTTTTTTTTTTTTTTTTTTT
B1	1-2	TGTATTAGTATTTTTTTTTTTTCCAGCTAGCTTA
C1	1-3	CATCGTTTACCTTTTTTTTTTTTGAGATTTGATGG
D1	1-4	GGACTTAGACCTTTTTTTTTTTGTTAATCCAGTT
E1	1-5	AATTCTAAGCGTTTTTTTTTTTAGCCTATCCTC
F1	1-6	TGGAGTTTTTCATTTTTTTTTTCCCTGATTGTTCCG
G1	2-1	AGTGCTTTAGTTTTTTTTTTTTAAGCTTGCTGGTTTTTTTTTTGCCTGTCTGGATTTTTTTTTTTTCGGCTATGTAG
H1	2-2	ATACTTATACATTTTTTTTTTTCCATCATATCTCTTTTTTTTTTTAGAAATGACTTTTTTTTTTTTTGACGTATACTC
A2	2-3	GGTAATCGATGTTTTTTTTTTAACTGGTTAACTTTTTTTTTTTCCGCTCGAGCTTTTTTTTTTTGACCCTTCAGTG
B2	2-4	GGTCTTAGTCCTTTTTTTTTTTGAGGATTGGCTATTTTTTTTTTTACTATTTATTTTTTTTTTTTTATGGATCCGAAA
C2	2-5	CGCTTTGAATTTTTTTTTTTTCGAACATTCAGGTTTTTTTTTTGTATGTCTCCCTTTTTTTTTTTACTGTAATAAG
D2	2-6	TGAAATCTCCATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCTCATGCTTTTTTTTTTTTTTTTTTTTTTTT
E2	3-1	TCCAGTCAGGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTACCGTTTTGTTTTTTTTTTTTTTTTTTTTTTT
F2	3-2	AAGTCTTTTCTTTTTTTTTTTCTACATTGCCGATTTTTTTTTTCTTTTATACCTATTTTTTTTTTTGATGCTTCATTC
G2	3-3	GCTCGTCGCGATTTTTTTTTTTGAGTATTCTGCATTTTTTTTTTTGCTTTAATACTTTTTTTTTTTGAATCTCTGACT
H2	3-4	AAATATATAGTTTTTTTTTTTCACTGATGGGTCTTTTTTTTTTTCCCTATCAATTTTTTTTTTTGTGGTTTTGCCA
A3	3-5	GGGAGTCATACTTTTTTTTTTTTCGGTTCATTTTTTTTTTTCCCGTTACAGTTTTTTTTTTAGGTATCGAGGT
B3	3-6	AAAGCTTGAGGTTTTTTTTTTCTATTTTCAGTATTTTTTTTTTTAGCCTATACTTTTTTTTTTTTGAAGTGTCTTA
C3	4-1	ACAAATCGGTATTTTTTTTTTTGAATGATGCATCTTTTTTTTTTTCCAGGTCGTGATTTTTTTTTTTGCCCTTTGAGTT
D3	4-2	TAGGTTTAAAGTTTTTTTTTTAGTCAGTGATCTTTTTTTTTTTAGACATTAGCGTTTTTTTTTTCCGCTGATCAG
E3	4-3	GTATTTAAGCATTTTTTTTTTTGGCAATACCACTTTTTTTTTTTGCCAGTTATGTTTTTTTTTTAAATCTCCGGGC
F3	4-4	TTGATTGGGAATTTTTTTTTTTACCTCGTTACCTTTTTTTTTTTCCGGCTTCGGCCTTTTTTTTTTTTCAGTGTGCAAG
G3	4-5	CTGTATCGGGATTTTTTTTTTTAAGACTCTTCGTTTTTTTTTTGTGGTTAGCCCTTTTTTTTTTTACCCTTCGCCCT
H3	4-6	AGTATTGGCTATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCGATCCACTTTTTTTTTTTTTTTTTTTTTT
A4	5-1	TCACGTCCTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCTACTACTCATTTTTTTTTTTTTTTTTTTTTT
B4	5-2	CGCTATTGTCTTTTTTTTTTTAACTCATAGGGCTTTTTTTTTTTCAGTTTACGTATTTTTTTTTTTAATCCTGCGCAA
C4	5-3	ACATATCTGGCTTTTTTTTTTTCTGATCTGCGGATTTTTTTTTTTCCATATGACCATTTTTTTTTTTCCGGATCCCGCA
D4	5-4	GGCCGTAGCCGTTTTTTTTTTGCCCGGTGATTTTTTTTTTTTTATTCCTTGCTGTTTTTTTTTTCTCAGTATCAGA
E4	5-5	GGGCTTACCCTTTTTTTTTTTCTTGACTCACTGTTTTTTTTTTCTTAGTATTTATTTTTTTTTTTGTGTTTCGTAC
F4	5-6	AGTGGTTCGGGTTTTTTTTTTAGGCGATGTGGTTTTTTTTTTATGAGTTGGCATTTTTTTTTTTTCATCGTCATTTA
G4	6-1	TGAGTTGTAGGTTTTTTTTTTTTGCGCTGGATTTTTTTTTTTTGACCCTATGTGTTTTTTTTTTTCGCACTGACTCC
H4	6-2	TACGTTAACTGTTTTTTTTTTTTGCGGGTCCGATTTTTTTTTTTCCCGTTCGATTTTTTTTTTTGTCTATTTTCATC
A5	6-3	TGGTCTTATGGTTTTTTTTTTTTCTGATCTGAGTTTTTTTTTTAGTGCTACTTCTTTTTTTTTTTAAGCATAAGTTG
B5	6-4	CAGCATGGAATTTTTTTTTTTGTACGATACACATTTTTTTTTTTTAGTGACACGTTTTTTTTTTGTGCGTGAGCGT
C5	6-5	TAAATTCTAAGTTTTTTTTTTTTAAATGTCGATGTTTTTTTTTTGGCACTAACCTTTTTTTTTTTCCACTAATGAA
D5	6-6	TGCCATCTCATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATTGCTACTTTTTTTTTTTTTTTTTTTTTTTT
E5	7-1	CACATTGGGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCTCGATAGTTTTTTTTTTTTTTTTTTTTTTT
F5	7-2	TCAGATCGGGATTTTTTTTTTTGAGTCTGTGCGTTTTTTTTTTGTTTCGTCATTATTTTTTTTTTTTCGAGGTTAAGTA
G5	7-3	GAAGTTGCACCTTTTTTTTTTTGATGAATTAGACTTTTTTTTTTTAACTTGTTATTTTTTTTTTTGGCTATGGATAT
H5	7-4	CGTGTTCACATTTTTTTTTTTCAACTTTTGCTTTTTTTTTTTTATAGGTTCCCTGTTTTTTTTTTGGCCGTCCTCCT
A6	7-5	GGGTTTGTGCCTTTTTTTTTTACGCTCTCGCACTTTTTTTTTTTGATACTTATTTTTTTTTTTCTAGATACTAGC
B6	7-6	AAAGTTGCAATTTTTTTTTTTTCATTTGTGGATTTTTTTTTTTATCCGTGTTCTTTTTTTTTTTTCATTTTGTCTA
C6	8-1	CTATCTGGAGGTTTTTTTTTTTACTTATCCCTCGTTTTTTTTTTAGAAATGGGCGTTTTTTTTTTATCCTGATCGC
D6	8-2	TAATGTCGAACTTTTTTTTTTATATCCTTAGCCTTTTTTTTTTTACCTTTTCAGCTTTTTTTTTTTATGCATAAGTTC
E6	8-3	TAAACTAGTTTTTTTTTTTTTAGGAGGTCGGCCTTTTTTTTTTTAGAACTTCCACTTTTTTTTTTTCTGCCTACGTGA
F6	8-4	CAGGATCCATTTTTTTTTTTGCTAGTTCTAGTTTTTTTTTTTAGCTTAGTCGTTTTTTTTTTTAGAATCTACT
G6	8-5	AATAATGTATCTTTTTTTTTTTAGAATAAATGTTTTTTTTTTGTGGCTTTGTATTTTTTTTTTTCCCGGTAATGTG
H6	8-6	GAAACTCGGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCGACTCGGTTTTTTTTTTTTTTTTTTTTTTT
A7	9-1	CGCCCTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAGATATTCATTTTTTTTTTTTTTTTTTTTTT
B7	9-2	GCTGATAAGGTTTTTTTTTTTGCATCTGGAATTTTTTTTTTTGACGTTAAACGTTTTTTTTTTTACAAATGTAAGG
C7	9-3	GTGGATGTTCTTTTTTTTTTTGAACCTTTGCATTTTTTTTTTTTAGTGATAATGTTTTTTTTTTTGGAAATCATTGG
D7	9-4	CGACTTAGCTATTTTTTTTTTTACGTTGGCAGTTTTTTTTTTGTGCATCAGAATTTTTTTTTTTGAGCTGGAAT
E7	9-5	TACAATGCCACTTTTTTTTTTTAGTAGATTTCTATTTTTTTTTTTTTTGATTCATCTTTTTTTTTTTGATGCTCCGCAG

F7 9-6 ACACGTGTCGATTTTTTTTTTTCACATTTCCGGGTTTTTTTTTTAACCATAGTCTTTTTTTTTTTGTTTATAAGTAC
G7 10-1 TGAATTTCTATTTTTTTTTTTCCTTACTTTTGTTTTTTTTTTTTTTCGATAAGTATTTTTTTTTTATCCCTATTGTC
H7 10-2 CGTTTTACGTCTTTTTTTTTCCAATGTTTCCATTTTTTTTTTTCGACTTGTGACTTTTTTTTTTGACAATTTGTCG
A8 10-3 ACATTTTCACTTTTTTTTTTATTCCTGCTCATTTTTTTTTTGGCTATTGGCATTTTTTTTTTGC AATCGATAC
B8 10-4 TTCTGTTGCACTTTTTTTTTCTGCGGTGCATCTTTTTTTTTTCATCCTAGTGCTTTTTTTTTTTCGTATTGATACT
C8 10-5 GATGATTCAAATTTTTTTTTTGTACTTTTAAACTTTTTTTTTTTCATCTCCTGTTTTTTTTTTTTCAACTTCTGCA
D8 10-6 AGACTTTGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCAAGTACATCTTTTTTTTTTTTTTTTTTTTT
E8 11-1 TACTTTTCGAATTTTTTTTTTTTTTTTTTTTTTTTT
F8 11-2 GTCAGTAGTCGTTTTTTTTTTGACAATTGGGAT
G8 11-3 TGCCATTAGCCTTTTTTTTTTTCGACAATTTGTC
H8 11-4 GCACTTGGATGTTTTTTTTTGTATCGTTTGCA
A9 11-5 ACAGGTGATGATTTTTTTTTTAGTATCTATACG
B9 11-6 GATGTTCTTGCTTTTTTTTTTTGCAGATGTTGA

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[Back to overview](#)

Well	Name	Sequence
A1	1-1	GCCGGTGTCTATAAAAAAAAAAGGACCAGAG
B1	1-2	GCCTCAACGGCTAAAAAAAAAATTAGCACGT
C1	1-3	AACAGAGAGGTAAAAAAAAAACTCCAAAGA
D1	1-4	ACTTAGTTACCGAAAAAAAAAAGCTCGTTGA
E1	1-5	GTGTAAAGCTGGAAAAAAAAAACGGTGACGC
F1	1-6	GGTTACAGATACAAAAAAAAAAAAAAAAAAAA
G1	2-1	AAAAAAAAAAAAAAAAAAGCCATTGAGCAAAAAAAAAATATGACACCGGCAAAAAAAAAAAAAAAAAAAAA
H1	2-2	GAGACGGCGTCAAAAAAAAAAGTCGGCGAACAAAAAAAAAAGCCGTTGAGGCAAAAAAAAAAACTCTGGTCC
A2	2-3	CTGGGCGGATGAAAAAAAAAATTACAGTGCAAAAAAAAAATACCTCTCTGTTAAAAAAAAAAACGTGCTAA
B2	2-4	TCCGATTGCTAAAAAAAAAAGACGCATTTGAAAAAAAAAAGCGTAACTAAGTAAAAAAAAAATCTTTGGAG
C2	2-5	CAACATCTGCAAAAAAAAAAAGCAGCTGTAGAAAAAAAAAACAGCTTTACACAAAAAAAAAATCAACGAGC
D2	2-6	ATCTGCCGCGGAAAAAAAAATAGTTGCTGCAAAAAAAAAAGTATCTGTAACCAAAAAAAAAAAGCGTCCACCG
E2	3-1	CACGGAACGGCAAAAAAAAAAATCGAACGTAAAAAAAAAAGACGCGCTCTAAAAAAAAAAGCTCAATGGC
F2	3-2	TCGTCTTAGGCCAAAAAAAAAACTGGACTTCAAAAAAAAAACATCCGCCAGAAAAAAAAAAGTTCCGCGAC
G2	3-3	TTCCGGATCGCAAAAAAAAAAACCTGCCATAAAAAAAAAATAGCAATCGGAAAAAAAAAACGCACTGTAA
H2	3-4	TTACCTAGAAATAAAAAAAAAAACCCGATGAAAAAAAAAATGCAGATGTTGAAAAAAAAAACAATGCGTC
A3	3-5	GAAGCTGGCAAGAAAAAAAAAAGTTGCTATAAAAAAAAAAACCGCGGCAGATAAAAAAAAAAACTACAGCTGC
B3	3-6	CGGGAAGATGGAAGCAGCAACTA
C3	4-1	AAAAAAAAAAAAAAAAAAGGTTTCGAGAAAAAAAAAATGCCGTTCCGTGAAAAAAAAAAAAAAAAAAAA
D3	4-2	GATTAGAGCATAAAAAAAAAAATCTCTTTCAAAAAAAAAAAGCCCTAGGACGAAAAAAAAAACACGTTCGA
E3	4-3	GCTGAGGTGTGAAAAAAAAAACCAGAAACAAAAAAAAAAGTCGATCCGGAAAAAAAAAAGAGTCCAG
F3	4-4	TCTAGGAAACCAAAAAAAAAACGATATGTGAAAAAAAAAATTTCTAGGTAAAAAAAAAATGGCGAGG
G3	4-5	CGGCAGTTTAAAAAAAAAAGACCTGCTCTAAAAAAAAAACTTGCCAGCTTCAAAAAAAAAAATCATCGGGT
H3	4-6	GAACAAATATCAAAAAAAAAATACACCCTATAAAAAAAAAATCCATCTTCCCGAAAAAAAAAATATAGCAAC
A4	5-1	GGTCGGATCACTAAAAAAAAAACCCGCCAACAAAAAAAAAATGCTCTAATCAAAAAAAAAAATCTCGAAACC
B4	5-2	GAACCTGCTCTCAAAAAAAAAAAGCTCAGGGTAAAAAAAAAACACACCTCAGCAAAAAAAAAAAGAAAGAGATT
C4	5-3	CTAATAATAAGCAAAAAAAAAAAGTGCTAGCAAAAAAAAAAAGGTTTCTAGAAAAAAAAAATGTTTCTCGG
D4	5-4	TGAGCAAAGCAGAAAAAAAAAACAACAAAGGAAAAAAAAAATTAAGTCCGAAAAAAAAAACACATATCCG
E4	5-5	ACCATCACCTTAAAAAAAAAACGATTTCTCAAAAAAAAAAAGATATTTGTTCAAAAAAAAAAAGAGCAGGTC
F4	5-6	TAGCAAACTCAGAATAGGGTGTAA
G4	6-1	AAAAAAAAAAAAAAAAAACTAGCTCACCAAAAAAAAAAAGTGATCCGACCAAAAAAAAAAAAAAAAAAAAA
H4	6-2	ACTTCACTATTAAAAAAAAAAATAAGGTGTTGAAAAAAAAAAGGAGACGAGTTCAAAAAAAAAAAGTTGGCGGG
A5	6-3	ATTTAGACTAGAAAAAAAAAATCGCCTGGATAAAAAAAAAAAGCTTATTATTAGAAAAAAAAAACCCTGAGC
B5	6-4	CAGAAAGTGAGAAAAAAAAAAGCCCTCAGGTAAAAAAAAAACTGCTTTGCTCAAAAAAAAAAAGCTAGGCAC
C5	6-5	GGTCAGGTCAAAAAAAAAAGCGTCTCTCAAAAAAAAAAATAGGGTGATGGTAAAAAAAAAACCTTTGTGT
D5	6-6	AAAGCTCGGATAAAAAAAAAAATAGCGCCCGAAAAAAAAAACTGAGTTTGCTAAAAAAAAAATGAGAATCG
E5	7-1	TTGCACGACCGTAAAAAAAAAATCGTCTCTAAAAAAAAAATAGTGAAGTAAAAAAAAAAGGTGAGCTAG
F5	7-2	ACTTACAACGCCAAAAAAAAAATGAAATAAGAAAAAAAAAACTAGTCTAAATAAAAAAAAAACAACACCTTA
G5	7-3	AATAATTACCTCAAAAAAAAAAACATACGCTAAAAAAAAAACTCACTTTCTGAAAAAAAAAATCCAGGCGA
H5	7-4	CTGGTCATCTCAAAAAAAAAAAGAATGAGAAAAAAAAAATTTGACCTGACCAAAAAAAAAAACCTGAGGCC
A6	7-5	TAGCGTGAATGGAAAAAAAAAATGAGACGCAAAAAAAAAAATCCGAGCTTTAAAAAAAAAAGAGATGACCG
B6	7-6	GTCACCTCAAGTCAAACCGGGCGCTA
C6	8-1	AAAAAAAAAAAAAAAAAAGGACATTTCTTAAAAAAAAAACGGTCGTGCAAAAAAAAAAAAAAAAAAAAA
D6	8-2	TGCGAAGGCCGAAAAAAAAAAGCTGGCAGAAAAAAAAAAGGCGTTGTAAGTAAAAAAAAAAGAGACGAT
E6	8-3	TGCAGGCGGGCAAAAAAAAAACAAGGATAAAAAAAAAAAGAGGTAATTATTAAAAAAAAAAACTTATTCA
F6	8-4	GCTTCCGTTGCAAAAAAAAAATGATGCCATTAAAAAAAAAATGAGATGACCAGAAAAAAAAAAGCGTATGT
G6	8-5	CAGGCGAAATCAAAAAAAAAAAGCGTTGGCTAAAAAAAAAACCATTCACGCTAAAAAAAAAATTCATTC
H6	8-6	AGCGCTGGAGGAAAAAAAAAAGCTCAATGTTAAAAAAAAAAGACTTGAGTGACAAAAAAAAAAGCGTCTCAT
A7	9-1	AATCTCCCACGCAAAAAAAAAAATTTGGACCTAAAAAAAAAACGGCCTTCGCAAAAAAAAAAAGGAATGTCC
B7	9-2	TCAGTGATATCAAAAAAAAAAAGACTGTAAAAAAAAAAGCCCGCTGCAAAAAAAAAAAGCTGCCAGCTT
C7	9-3	GCCTTCGCACAGAAAAAAAAAATGGTCTGCAAAAAAAAAAAGCAACGGAAGCAAAAAAAAAAATATCCTTTG
D7	9-4	GTCTAGGTATCCAAAAAAAAAACTGCTGGGAAAAAAAAAAGATTTTCGCCTGAAAAAAAAAATGGCATCA
E7	9-5	GCCGGAATTTGCAAAAAAAAAAATAGCATTAAAAAAAAAACCCTCCAGCGCTAAAAAAAAAAGCCAACGCT

F7 9-6 ATTACCTTTATTAACATTGAGC
G7 10-1 AAAAAAAAAAAAAAAAAAAAACTGTCTCGTAAAAAAAAAAAAAGCGTGGGAGATTAAAAAAAAAAAAAAAAAAAAA
H7 10-2 TAGTAACTCCAAAAAAAAAAAAAGGCTACCCAAAAAAAAAAAAAGGTATACACTGAAAAAAAAAAAAAGGTCCAAT
A8 10-3 TGTAAGTCGATAAAAAAAAAATAAACCACTGAAAAAAAAAACTGTGCGAAGGCAAAAAAAAAATTTACAGTC
B8 10-4 CAGAAATATTGAAAAAAAAAAAACTGTGATTAAAAAAAAAAAAGGATACCTAGACAAAAAAAAAAAGTCAGACCA
C8 10-5 TGAGAGCTCTGAAAAAAAAAAAAATGAATTCGCAAAAAAAAAAAAGCAAATTCGGCAAAAAAAAAAAATCCCAGCAG
D8 10-6 TTTCCCTAGTTGAAAAAAAAAAAAATATCCACGAAAAAAAAAAAAATAAAGGTAATAAAAAAAAAAAATAAATGCTA
E8 11-1 GGAGTTTACTAAAAAAAAAAAAATACGAGACAG
F8 11-2 ATCGACTTACAAAAAAAAAAAAAGGGTAGCCTT
G8 11-3 CAATATTTCTGAAAAAAAAAAAAACAGTGGTTTA
H8 11-4 CAGAGCTCTCAAAAAAAAAAAAAATCACAGTT
A9 11-5 CAACTAGGAAAAAAAAAAAAAGCGAATTCAT
B9 11-6 AAAAAAAAAAAAAAAAAAAAAACGTGGATATT

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