

# Programmed Two-Dimensional Self-Assembly of Multiple DNA Origami Jigsaw Pieces

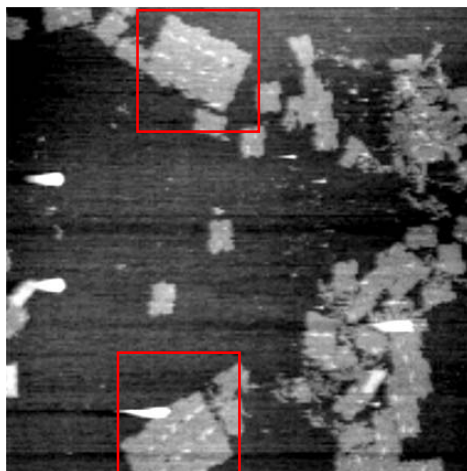
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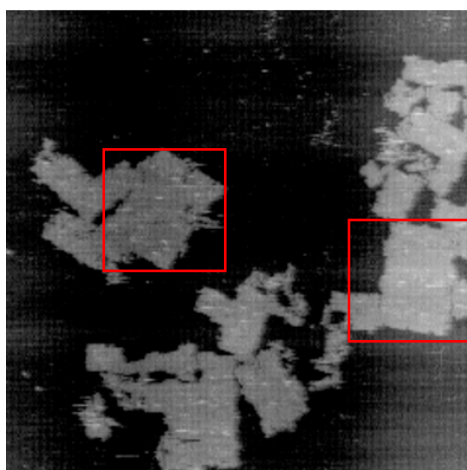
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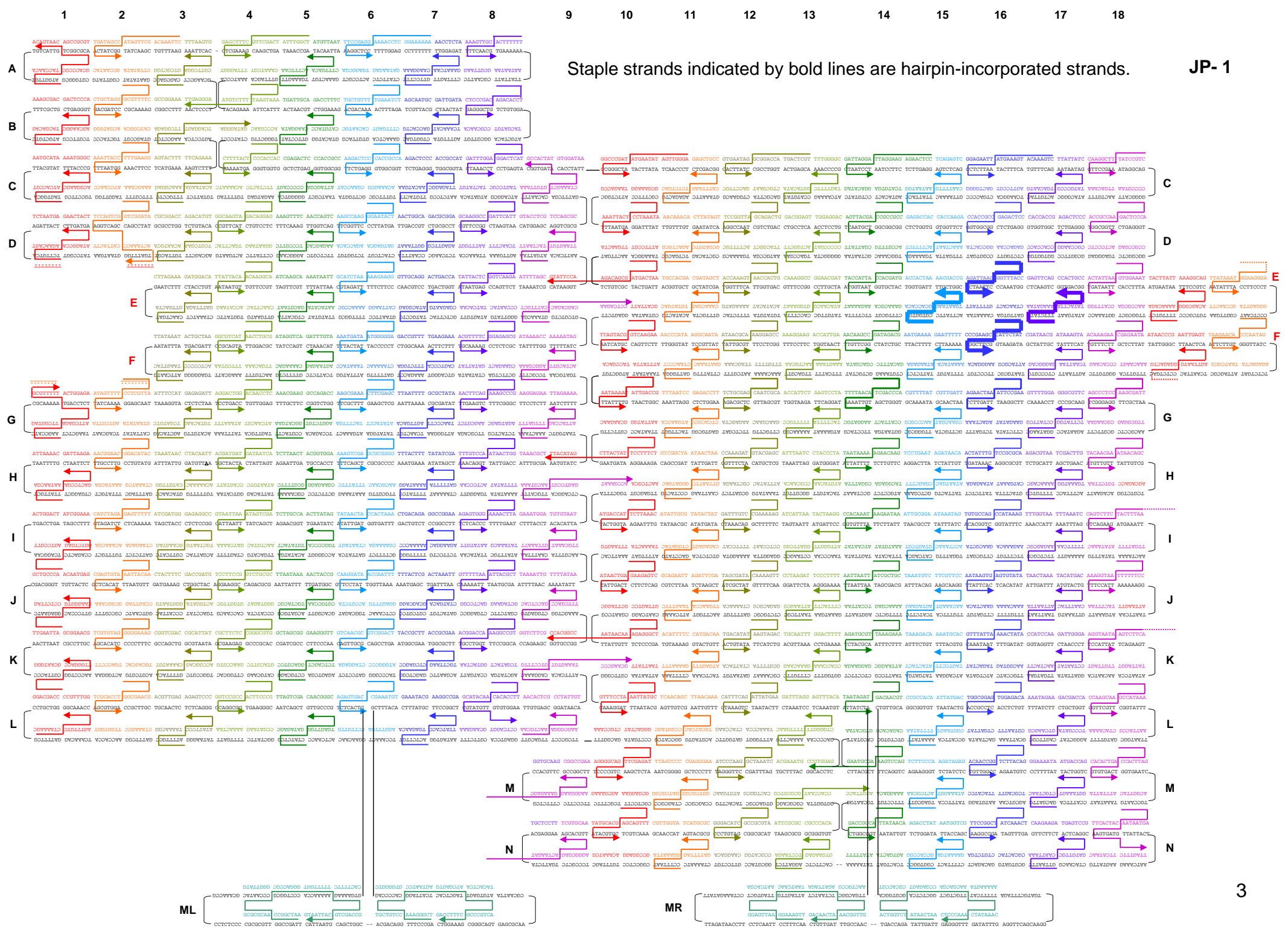
<sup>\*</sup>*Authors to whom correspondence should be addressed.*

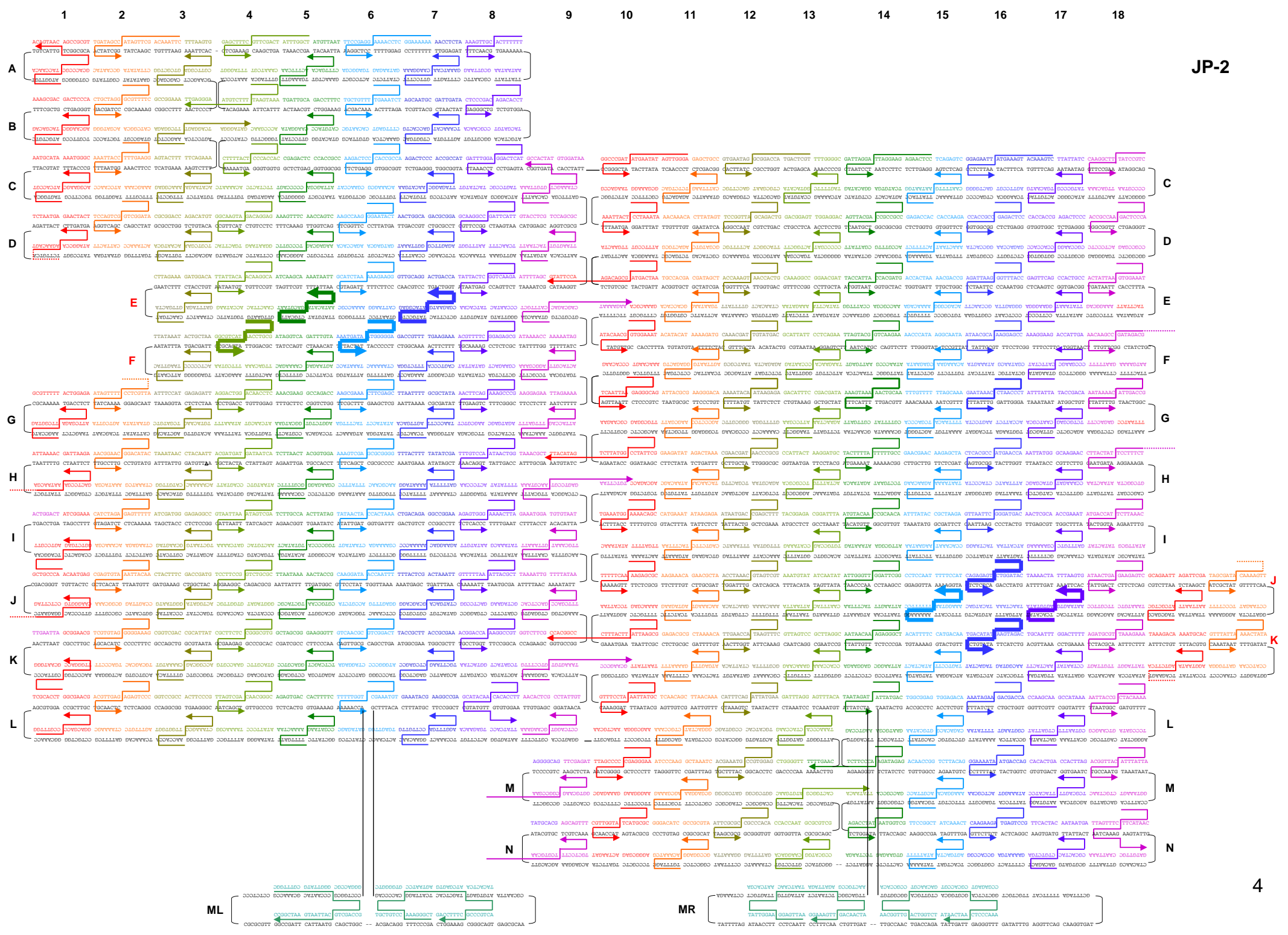


**Figure S1.** AFM images of the self-assembled structure prepared from the pre-assembled trimers along the helical-side. The 2D self-assembled structures are marked with the square box. Both the trimers and the self-assembled final structure were prepared by linear annealing from 50-15°C at a rate of  $-0.05^{\circ}\text{C}/\text{min}$ . The image size is  $1500 \times 1500$  nm. The yield of the final structure is  $\sim 35\%$ .

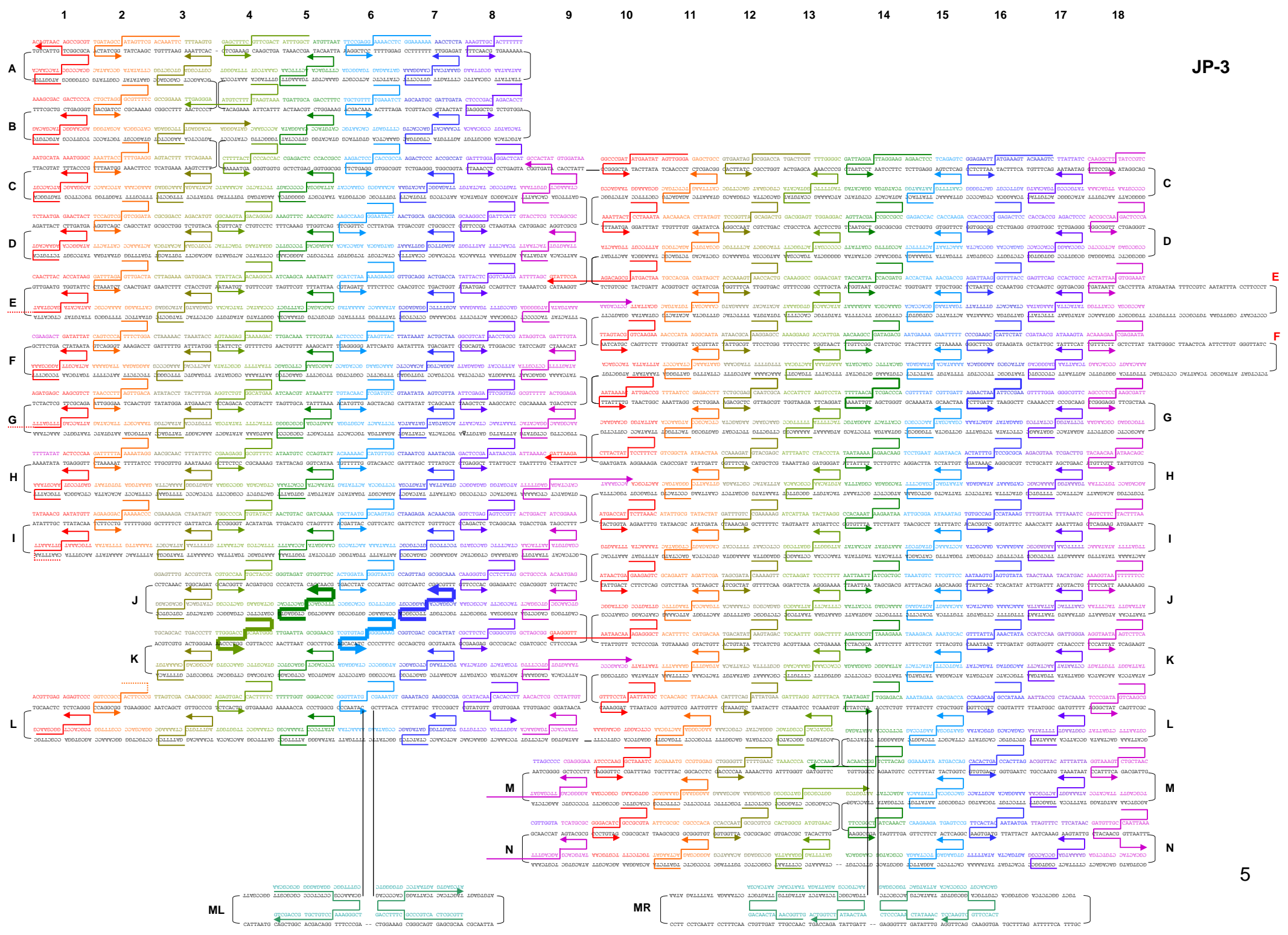


**Figure S2.** Simple drawing and the AFM image of the self-assembled structure carrying the words “DNA JIG SAW”. The structure was prepared by linear annealing from 50-15°C at a rate of  $-0.05^{\circ}\text{C}/\text{min}$ . The image size is  $1400 \times 1400$  nm. The yield of the final structure is  $\sim 35\%$ .



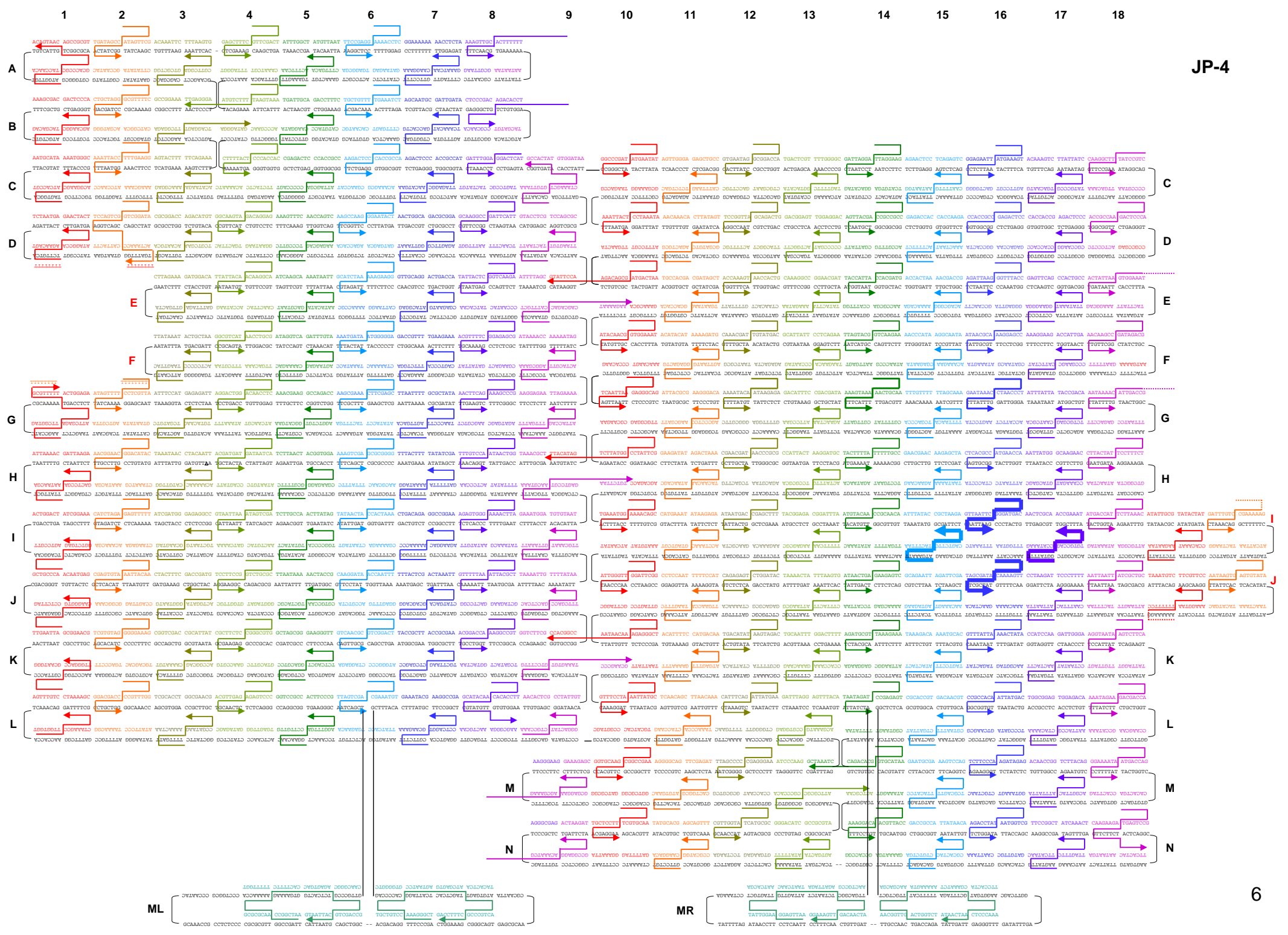


JP-2



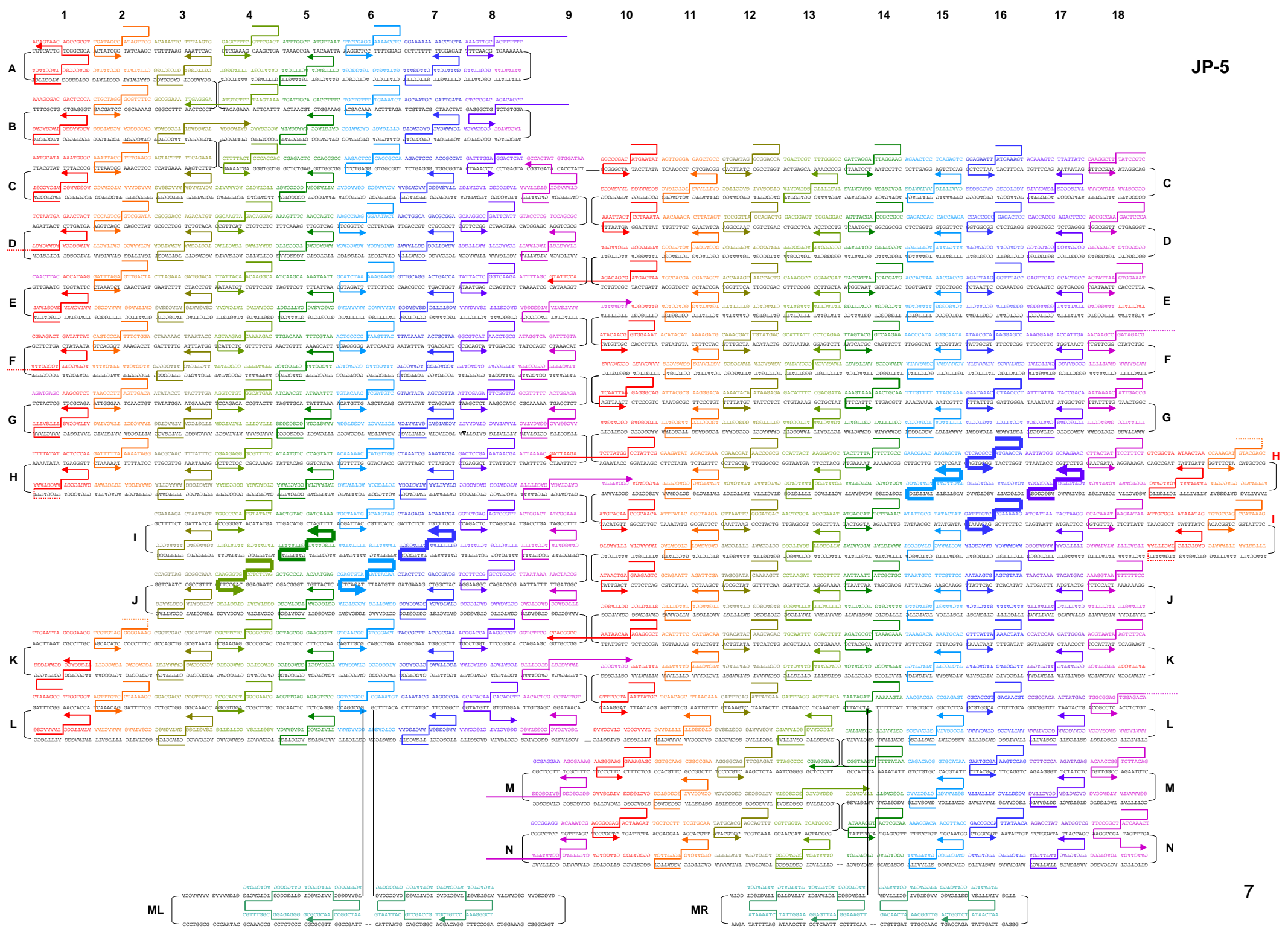
JP-3

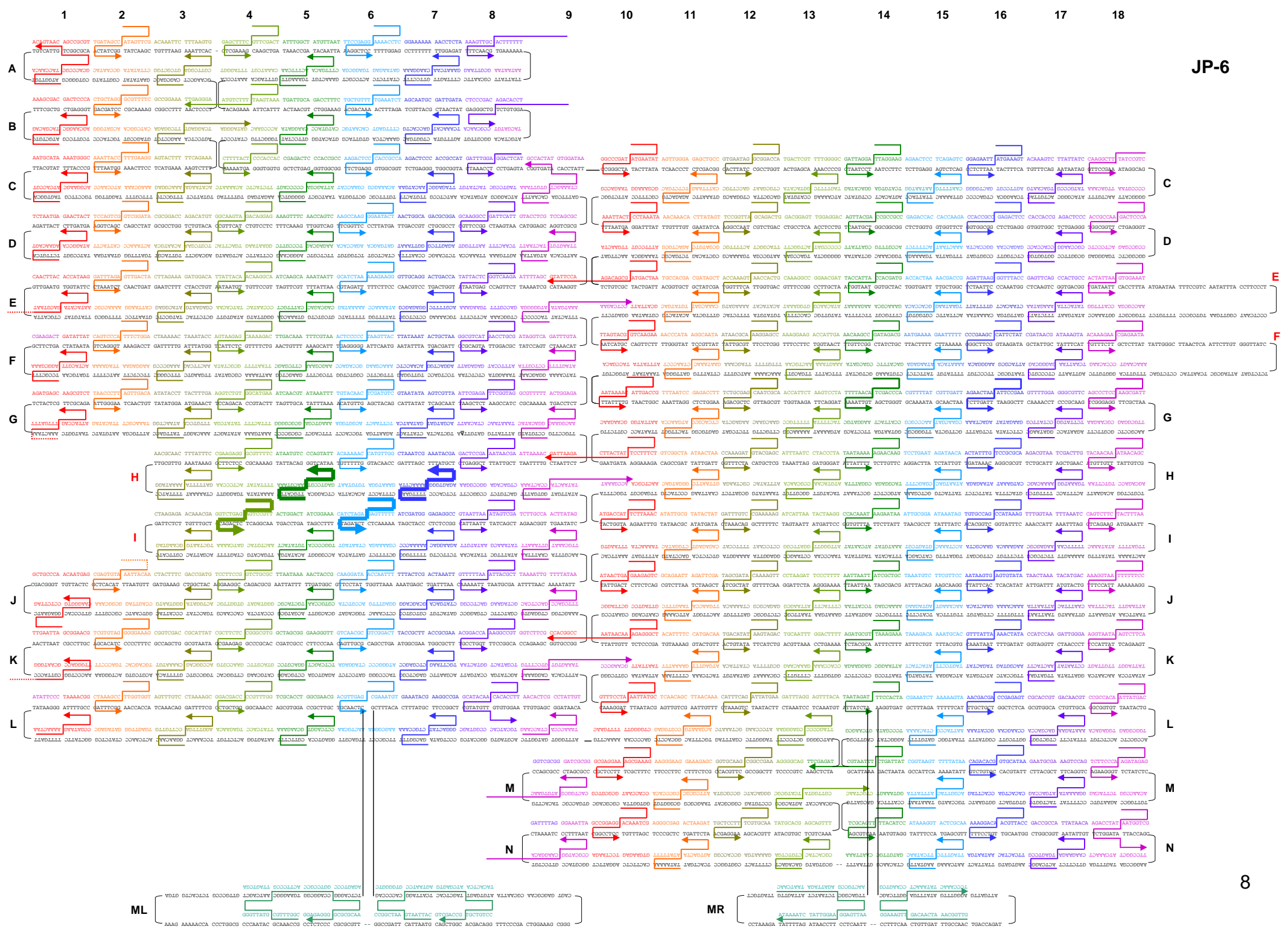
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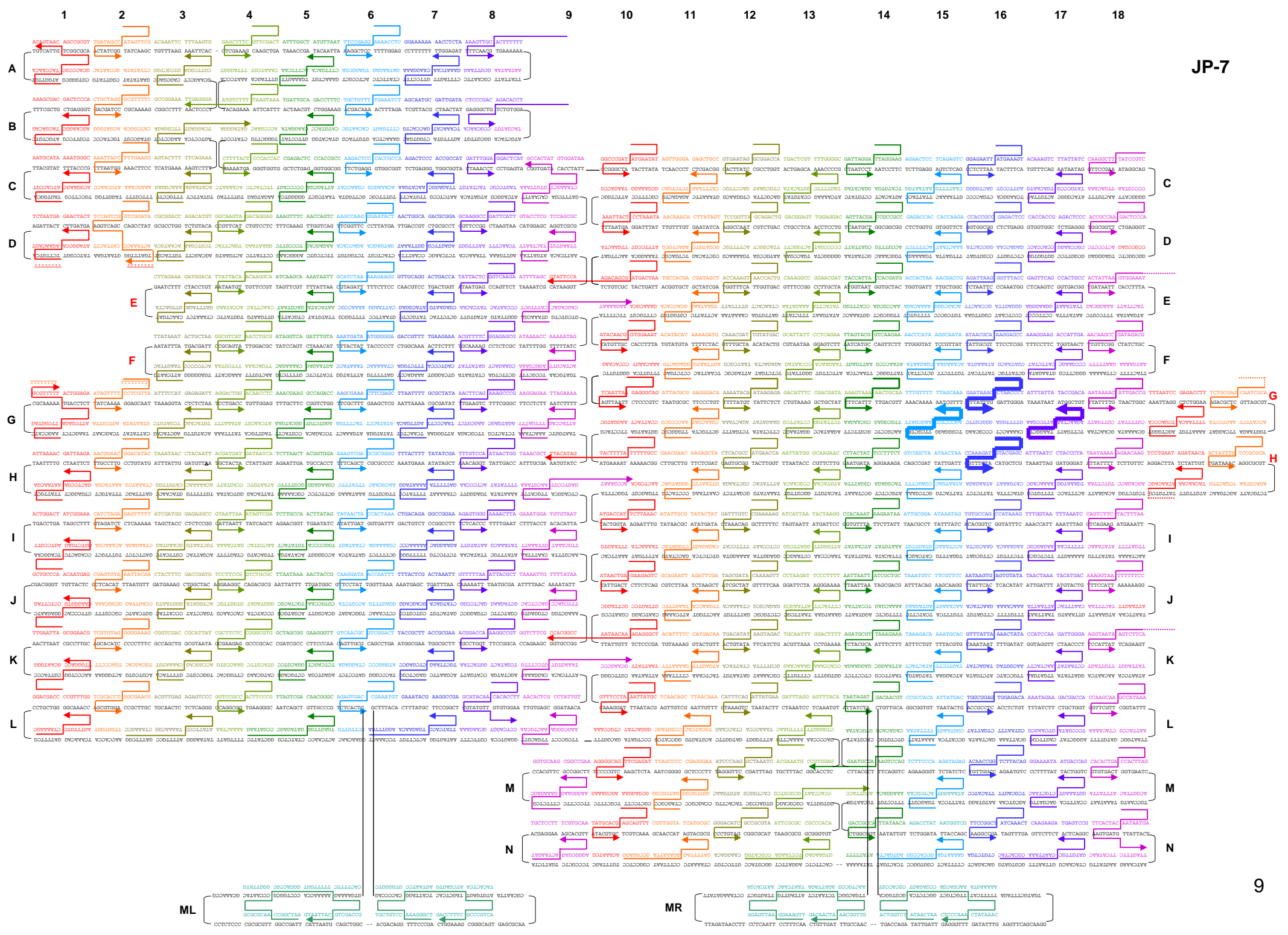
JP-4

6



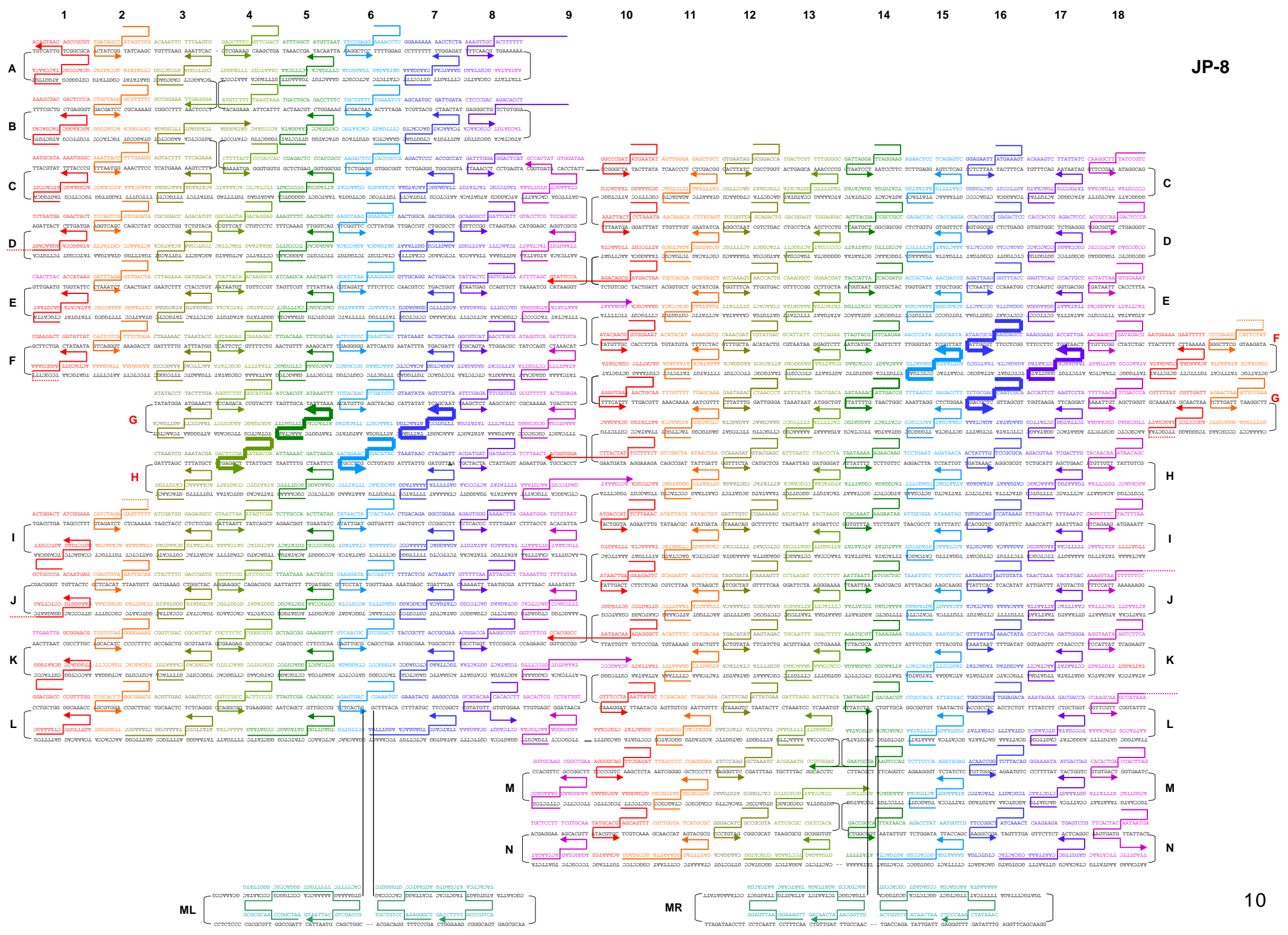


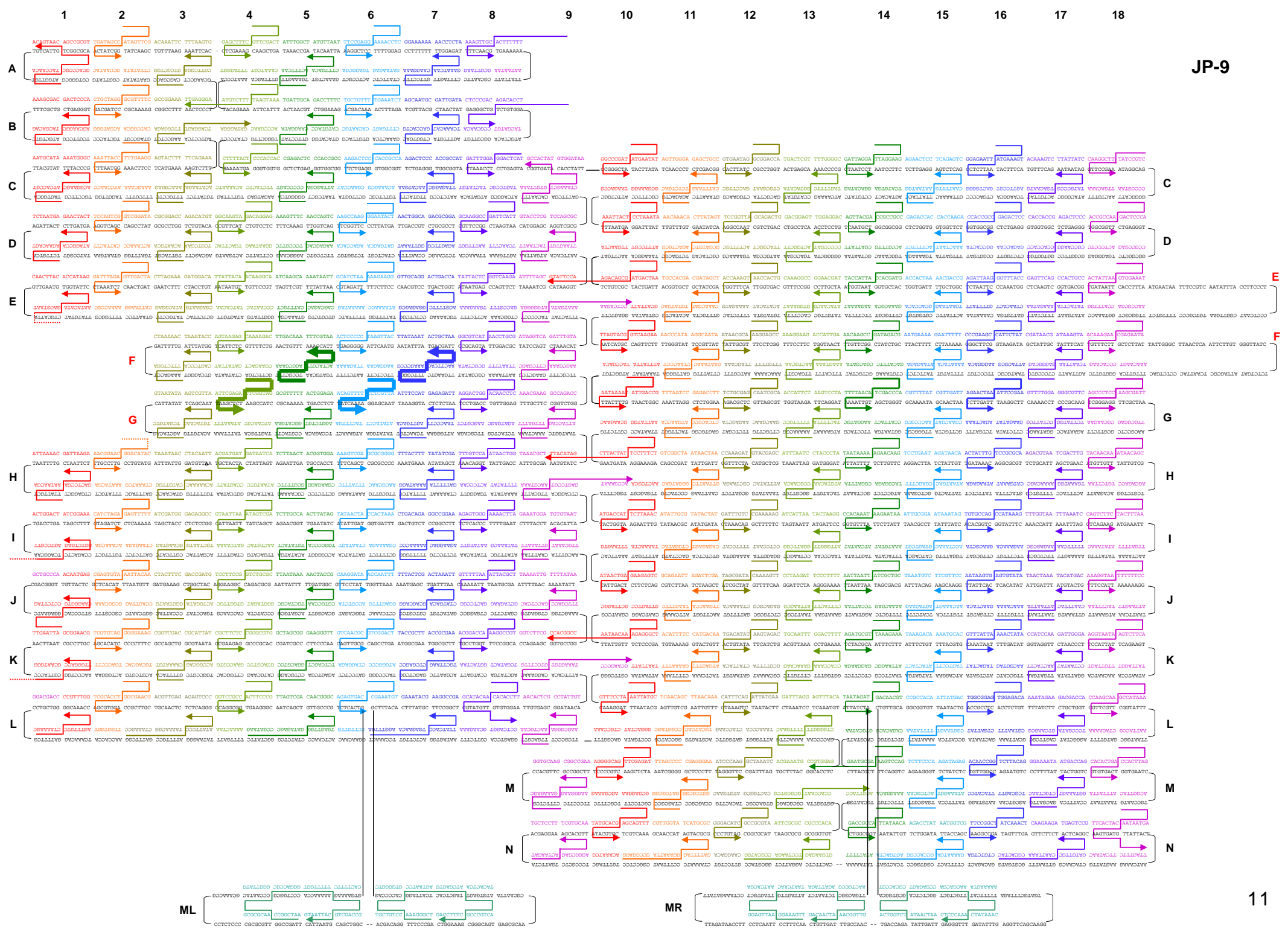




JP-7

9





JP-9

Staple strands for File-1

Table with columns: No., Position, Sequence (5' -- 3'). Contains two columns of data, one for positions 1-112 and another for 113-207. Each row lists a position number, a letter 'A' through 'L', and a corresponding DNA sequence.

2DJP-095 L2 CACGACGTGCAAGCGGTCCACGCTTGGTGGTT  
 2DJP-096 L3 CTTAAACAGCAAAATCCCTTATACCCTGAGA  
 2DJP-097 L4 CTGTCATGGCCCTTCCACCSCCTGGAAATCAAA  
 2DJP-098 L5 TCGGTTTACGAGATAGGGTTGAGTCGGGCAAC  
 2DJP-099 L6 CCCGGGTATGTAAGCCAGTGAAGTGTTC  
 2DJP-100 L7 AAAAAAGGACAAGAGTCCACTATTAGCCGGAA  
 2DJP-101 L8 TCATAGCTTCCACACAACATACGAAAGAACGTGGACTCC  
 2DJP-102 L9 AACGTCAAAGGGCAATGTTATCC  
 Tile1-103 C10 AGGGTTGATATAAGTATAGCCCGGGCCAGAAT  
 2DJP-104 C11 ACAAAACAAGCTCTCGAATTTACCCTGCGAG  
 Tile1-105 C12 TGCTCAGTACAGCGGGTAAGTGGCTTCCAG  
 2DJP-106 C13 TGAGGCAGATACATGGCTTTGATCGGGGTTT  
 Tile1-107 C14 CCTCAAGAGAAGGATTAGGATTAGGATACAGG  
 2DJP-108 C15 CACCAGAGGGTAATAGTTTAACTTGAAGACT  
 Tile1-109 C16 CTGAAACATGAAAGTATTAGAGGGGGTCCAG  
 2DJP-110 C17 GCCACCAGTAAAGTCCCTGATCTATTATT  
 2DJP-111 C18 CTGCTATTTCGGAACAACAGTT

**Staple strands for Tile-2**

2DJP-001 A1 CAGCGAAATTTTCAACCATCGCCACGTGCGCGACAATGACA  
 Tile2-002 A2 CTTAAACAGCTTGATACCGATAGTCAATACC  
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 Tile2-004 A4 TCGGTTTATCAGCTTGCCTTTCGAGTGGGATT  
 2DJP-005 A5 ACGTTAGTAACTTCAACAGTTTCTAATGTA  
 Tile2-006 A6 AAAAAAGGCTCCAAAAGGAGGCTTAGCGGAGT  
 2DJP-007 A7 CGTAACGAAAAGGAACAACATAAGATCTCCAA  
 Tile2-008 A8 TTTTTCACGTTGAAAGAATTGGG  
 2DJP-009 B1 ATACGTAATTTTGACAGCATCGGAACGAACCCCTCAG  
 2DJP-010 B2 ATATATTCCTTTTCGCGGATCGTCCGGTAGCA  
 2DJP-011 B3 TTTCTATGAAGGCTTTGAGGACTAGGATAG  
 2DJP-012 B4 TGCTAAACAAATGAATTTTCTGTAAGGGATT  
 2DJP-013 B5 CTCAGAGCATAGGAAACCCATGATCTTCCAG  
 2DJP-014 B6 GAGAATAGCTCTAAAGTTTTCGCTGTAAACAC  
 2DJP-015 B7 CCTCAGAGTCAACAGTCAAACTATAGTTAG  
 Tile2-016 B8 AATAAATATCCACAGACGCCCTCCACAACGCC  
 2DJP-017 C1 AGTAATCTTTTTTGCCTACGAAAGCCGCGTAAA  
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 2DJP-019 C3 CCAGGCGGAGGCAAAAAGAAATCAAAAGACTT  
 2DJP-020 C4 CAAGCCCAACACCCTCATTTTCTAAAACA  
 2DJP-021 C5 CTTTGAATGCCCCAGCGATTCACGCCAC  
 2DJP-022 C6 TGAGTTTCCGCCACCCTCAGAATACCAAGC  
 2DJP-023 C7 ACGCTCAAAGTCAACGAGATTACCGCCAA  
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 2DJP-034 D9 CGATTTTATTAATCAATGTAATTCGGGACTT  
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 2DJP-038 E6 ACGAGTAGGAGAAAATCTACCGCCAAA  
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 2DJP-040 E8 TTTCAACTAGAACTGGCTCATTAACACTAT  
 Tile2-041 E9 CCAAAATATCGTTTACAGACGACTAAAAGAA  
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 Tile2-043 F4 CATTCAACCGCTCAATCTCTTTTGGAGGAAACAGTTTCTTGTGTTACTCGGGAATGCTTT  
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 Tile2-045 F6 GGAATTAACAGGGGTATCCTCTTTTGGAGGAAACAGTTTCTTGTATAGTAAACCATATAAT  
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 2DJP-054 G6 CAAAATCCGAGCTTCAAGCGAAAATTTTCAAT  
 2DJP-055 G7 TTTCTATTACAGTTGATTTCCCAATATATCGCG  
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 Tile2-164 I11 ACAAAGAAAATTTTCACTCTTCGACAGAGATA  
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 Tile2-189 K18 CTGTAATAAAGAAAATGCGTATGATGTTGT  
 Tile2-190 L10 TTATTAATCGTATTAATCTTTTGAACCTCAA

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2DJP-079	J4	CATGTCACACCGCTGTCGGCTCCTCGTGGTG	Tile2-192	L12	ATTTTGGGAAGTATTAGACTTTACCGATGGCC
2DJP-080	J5	GGCGATCGCCCATCGTAACCGTGGCCATCAA	Tile2-193	L13	TTGGGGTGAACCATCACCCAAATACATTTGA
2DJP-081	J6	AGAAAAGCTTTAACCAATAGGAACATCTGCCA	Tile2-194	L14	CGGAATTACAGTATTATAGATATGACCTGAA
2DJP-082	J7	TTCCGCTAGGACGACAGCAGTATCTTAATCA	Tile2-195	L15	GGCCAAACAATACGTCGGCAACAGACAGAGGT
2DJP-083	J8	GCAATATTTCCGATTAATTTTTTGGGCGTCAAG	Tile2-196	L16	GATGGCAAACCGCAGAGGATAAAAATTTT
2DJP-084	J9	GCTTCTGGCAGCTCAGCCAGCTTTAATATTTT	Tile2-197	L17	AGTCACACTATTAGTCTTTTAATCGAAATACCG
Tile2b-081	K1	TCCACGCTTTTTGGGTAAACGCGAGGGTGGCAAGCCG	Tile2-198	L18	TGGATTATAAAACATCGCCATTAAGCGAACCTG
2DJP-086	K2	GATTGACCCGAAAGGGGATGTGCTTCCCAAGT	Tile2-199	M10	AGGGCGAAAAGGGAGCCCGCATTCGAGAAAG
Tile2-087	K3	CCGCCTGGTGTAAAACGACGGCCATATTACGC	Tile2-200	M11	CTACAGGGAAAGCGAAAAGGAGCGCTAAATCG
2DJP-088	K4	TAGATGGGTGCGGGCTCTTCCGCTGCCAAG	Tile2-201	M12	CACACTGAGGTTGCCGTAAGAGCGGCGTAG
Tile2-089	K5	CAGTGAGACTGTAAAGCTGGACTTTTGGGAAG	Tile2-202	M13	TAACCCACCAAGTGTAGCGGTACACAATATT
2DJP-090	K6	GTTTGAGGTCAAGCTGCGCAACTGAGAGGATC	Tile2-203	M14	AGCGTAAGGATAGAACCTCTTCAAGTTTT
2DJP-091	K7	GCATAAGCCGAGCTCGAATTCGTAAGCGCCA	Tile2-204	M15	TCGGCCTTCCATTGCAACAGGAAAGACATTCT
2DJP-092	K8	GAGATGTGCGGAAACAGCGCAAAATCATGG	Tile2-205	M16	TGAATGGCGACCAAGTAAATAAGAGCGCTCA
2DJP-093	K9	GCTCAAGATTTCTGTGTGAAATCCCGAACCG	Tile2-206	M17	CATCACTTCTACATTTTTCAGCGCTGATTCACC
Tile2-094	L1	GGTTTCCGCACTCAGCGGCAAGCCG	Tile2b-207	M18	ATRAGCCCTTTTTATTATTATTTTTCAGTGGCAATCCGTG
Tile2-095	L2	CACGAGCTCCTGAGAGATTTGCACGAAATC	Tile2-208	N10	GAAGGAAACCGCTACTATGGTTGCTAGATACTA
Tile2-096	L3	CTTAAACATGGTGGTTCGAAATCGCCCTTCA	Tile2-209	N11	AGGGTTGAGCTAAACAGGAGGCGGATGCGCCG
Tile2-097	L4	CTTGCACTGGGCAACAGCTGATTTGGCAAAAT	Tile2-210	N12	GGCGCTGGACCCCGCCGCTTAATTAAGAG
Tile2-098	L5	TCGGTTTAAATCAAAGAATAGCCCTTTTCAC	Tile2-211	N13	TGCTCAGTACAGGAACGCTAGCCCGCTGCGCG
Tile2-099	L6	CCCGGATGTAAAGCTGGACTTTTGGGATAG	Tile2-212	N14	ACCAGCGGCTGTAATATCTAGTGGCAATCCT
Tile2-100	L7	AAAAAAGGTTGTTCAGTTTGGAAAGCGGAA	Tile2-213	N15	CCTCAAGATTTTTATACTAGTGATCAAATA
Tile2-101	L8	TCATAGCTTTCCACACAACATAGCACAAAGTCCACTATT	Tile2-214	N16	TGGAAATAGCTGAGTAGAGAAACCGCCACCC
Tile2-102	L9	AAAGAACGTGGACTCCTGTTATCC	Tile2-215	N17	CTGAAACAAGTCTGCTCCACTACCGGTAATAA
Tile2-103	C10	AGGGTTGATATAAGTATAGCCCGGCGCAAGAT	Tile2-216	N18	TGAATGGTTTTCAATCTCTTTGATTAATAAACCCTGTTAG
2DJP-104	C11	ACAACAACAGCTCTCGAATTTAGGCGGTGAG	Tile2-217	ML1	CGGTTTGGCTATTGGGCGCCAGCTGCATTAATGAAATCGGCC
Tile2-105	C12	TGCTCAGTACCAGCGGATAAGTGGCTTCCAG	Tile2-218	ML2	TCGGAAACCTGTGCTGGGGTGCCTAATGAGTGAAGTAACTCACATACTGCCGCTTTCCAG
2DJP-106	C13	TGAGGCAGATACATGGCTTTGATCGGGGTTT	Tile2-219	MR1	AAATGAGGAAGTTATAGCACTAAACAATAAGATAGGAGCGCTCAAAATCAACAGTTGAAAG
Tile2-107	C14	CCTCAAGAGAAAGGATAGGATAGGATACAGG	Tile2-220	MR2	TTCTGGTCAAGTTGGCAACACCGCTGGCAACAGTGGCCAGCTGGAGCGCAAAACCTCAATCAAT
2DJP-108	C15	CACCAGAGGGTAAATAGTTTAACTTGAAGT	Tile2-221	M9	AATAATAAAGCCGCGCAAGCTGGTAGAGCTT
Tile2-109	C16	CTGAACAACAGTATTAAGAGGGGGTCCAG	Tile2-222	N9	TGTAGCATAACTGCTTCTCTCTGTTTTCAGCA
2DJP-110	C17	GCCACCCAGTAAAGTGGCCGTATCTATTATT	Tile2-223	J19	ACAGAAATCGTGCCTATTAAATTAAGCTTAGA
2DJP-111	C18	CTGCCTATTTCGGAAACAACAGTT	Tile2-224	J20	GTTAAATTTGAAAACATAGGACTTTTTCCCT
			Tile2-225	K19	GAGTTGCACTCTGAAATAGGACAGCTAAA
			Tile2-226	K20	TAGAATCCATACAAATTTATTTGAGGGTTAG

**Staple strands for Tile-3**

2DJP-001	A1	CAGCGAAATTTTACAACCATCGCCACGTCGCGGACAATGACA	2DJP-112	D10	GGAAAGCGATAAATCCTCATTAAAATCAAGTT
Tile3-002	A2	CTTAAACAGCTTGATACCGATAGTCATAACCG	2DJP-113	D11	AGCACCGTGGCTCAGACTAGCGTGATATTC
2DJP-003	A3	AAAGCGCGGTCGCTGAGGCTTGGCTGAATTT	2DJP-114	D12	TAAGCGCTGCAGCAGACTTGGCCTGTTTGA
Tile3-004	A4	TCGGTTTATCAGCTTCTGCTTTCAGTGGGATTT	2DJP-115	D13	CCGGAACCTTCGCTATAGCCCGCCAGGAGTT
2DJP-005	A5	ACGTTAGTAACTTTCAACAGTTTCTAATTGT	2DJP-116	D14	AGTGTACTCCGCGCCAGCATTGATTATTAGC
Tile3-006	A6	AAAAAAGGCTCAAAGGAGGCTTTAGCGGAT	2DJP-117	D15	AATCAACTCTTTTCAATAATCAAAGAACCAC
2DJP-007	A7	CGTAACGAAAGGAACAACCTAAGATCTCCAA	2DJP-118	D16	TGCTTGTACCTCAGAGCCGCAACCTACCCGG
Tile3-008	A8	TTTTTTACAGTTGAAAGAATTTGGG	2DJP-119	D17	GACTTGAGCCACCAGCGAAACCCCGCTCAGA
2DJP-009	B1	ATACGTAATTTTGAACAGCATCGGAACGAAACCTCCAG	2DJP-120	D18	AATGCCCTTTTACCCTCAGAACCCGCACTCCCTCA
2DJP-010	B2	ATATATTCCTTTTGGGGATCGTCGGGTAGCA	2DJP-121	E10	TGCCCTTAAATCAGTAGCCAGACAACCTTATG
2DJP-011	B3	TTTTCATGAAGAGGCTTTGAGGACTAGGATAG	2DJP-122	E11	ATACCACCAAGTATGTTAGCAAACTCGATAGC
2DJP-012	B4	TGCTAAACAAGTAAATTTCTGTAAGGGGATTT	2DJP-123	E12	TCGGCATTTGCAACCAATGAAACCGCATAGAAA
2DJP-013	B5	CTCAGAGCATAGGAACCACTGTACTTTCCAG	2DJP-124	E13	GAAGGAAATAAGAGTGGCAACATATAGCAAG
2DJP-014	B6	GAGAATAGCTAAAAGTTTGTGCTGCTAACAC	2DJP-125	E14	GTTTCCAGTAGCCATTAACCTTAAAGAAG
2DJP-015	B7	CCCTCAGAGTACCAGTACAACAATATAGTTAG	2DJP-126	E15	AAAAGTAAACCCAGGAAATTTGCGCAGCAA
Tile3-016	B8	AATAATAATCCACAGACAGCCCTCACAAAGCC	2DJP-127	E16	AACCAGAGCCATTTGGGAATTAAGATTTTTC
2DJP-017	C1	AGTAATCTTTTTTGGCACTAGGAAGGACGGGTAAA	2DJP-128	E17	GCAATAGCAATAGAAAATTCATATCCCTCAC
2DJP-018	C2	ACGGCTACGGAAGTTTCCATTAACAACCACTA	2DJP-129	E18	GAGCCGCTAAAGGTGAATTTACAGTTTACC
2DJP-019	C3	CCAGGCGGAGGCAAAAGATACAAAAGACTT	2DJP-130	E19	GCCCAATAAGCAAAAAGGCGCAGACGGAAA
2DJP-020	C4	CAAGCCACACACCCTCATTTTCCATAAACA	2DJP-131	E20	CCAAATCAAGGGGAAGTAAATTTTTCACCG
2DJP-021	C5	CTTTGAAATGCCCCAGCGATTTACCGCACCC	2DJP-132	F10	TTATACGAAGAATCGCATGATTTACAGCCAT
2DJP-022	C6	TGAGTTTACCCCGCACCTCAGAAATACCAAG	2DJP-133	F11	CCTAATTTTCCCAATCCAAATAAAGATAACGGA
2DJP-023	C7	ACGGTCAAAGTACACGAGGATTTACCGCCA	2DJP-134	F12	TACATACACCGGAAACGCAATAAAGCAGTT
Tile3-024	C8	TGTAGCACTTACTCAGGAGTTTATGTATCAT	2DJP-135	F13	TCTTACCACCTCAAAAATGAAAAGTTACCA
2DJP-025	C9	GCTCCATGAAATTTGTGCAAAATCAATAGGTATCATCCG	2DJP-136	F14	ACGCAAGGCGAGTAGCCGAACAAATAGCAGC
Tile3b-026	D1	CATTCAACTTTTTGACAGAACCAGGATCATCATAG	2DJP-137	F15	TATTTTGCAGAGAATACATAAAAATTTTGA
2DJP-027	D2	AAACGAAATAGGCTGGCTGACCTTTCAATTAC	2DJP-138	F16	TCACAATCTACTTCCGGAATTAAGCAGGGAA
2DJP-028	D3	AAAGATTCAAGTAAACAAGCTGTGTACAGA	2DJP-139	F17	AGGTTTGGACGGGAATTAACATATGAAATA
2DJP-029	D4	CTCATCTTGAGGACAGATGAACGGCATTCAGT	2DJP-140	F18	AGCGCAATAAGAGCAGAAACAGAACCC
2DJP-030	D5	ACGAACACTTTCCTGCTGACGAGAACTGACCAA	2DJP-141	F19	TTTTTGGCGTCAAGGGTAAATTTGATGATTTAA
2DJP-031	D6	GCGAAACATATAAGGGAACGAAACACCAAG	2DJP-142	F20	ATTGAGGGGATAACCCACAGAATGCGCTAAT
2DJP-032	D7	GGACGTGTAAATTTGGGCTTGAAGAAGCGGAG	2DJP-143	G10	ATTATTTAGCCAGTTACAAAATAAACAAGAACG
2DJP-033	D8	CGCTGATTTACTTAGCCGGAACGTGTTTAA	2DJP-144	G11	ATCGGCTGACCAAGTACCGCACTTCTCCAGAG
2DJP-034	D9	CGATTTTTTAAATCAATTTGTGAAATTCGGACCT	2DJP-145	G12	TTTTTGTTCACGTAACGAGCGCTCTATCGAGAA
Tile3-035	E3	CAAAAATCGAGGCATAGTAAGAGCAGCAGGTA	2DJP-146	G13	CTAATTTACCGTTTTTAAATTTTCAATATCCTGAA
Tile3-036	E4	GAATAAGGACGGAACAACATTTAATCACTACT	2DJP-147	G14	CTTACAGACCCAGCTACAAATTTTCGTAGGAA
Tile3-037	E5	AAACAGTTTTCGTTTACCAGACGACTTAATAAA	2DJP-148	G15	TAGTCTTGGCCCAATAGGCAAGCTTATGTGC
Tile3-038	E6	ACGAGTAGGGAAGAAAATCTCAGGATAAAAA	2DJP-149	G16	GCCGATTAAGCCCTTAATCAAGAAAATCAGG
Tile3-039	E7	TAAATATTGCGAGAGGCTTTTGAACCACTCA	2DJP-150	G17	AATGCAGAGCTTATCCGGTATTCTTCCGCGG
Tile3-040	E8	TTTCAACTGAACTGGCTCATTATAAAGAAGT	2DJP-151	G18	TGAACAATTAGCGAACCTCCCGAAAGAACCG
Tile3-041	E9	ACTGGATAAGGGGGTAAATAGTAAAAAGACTCC	Tile3-154	H10	GGTATTAATCTTCTTATCATTCAGAAATTAG
Tile3-042	F3	TCCATATAGCCGAAAGACTTCAACCATAAAT	2DJP-155	H11	CGGTATACAGTAGGGCTTAATTTGAATCAATA
Tile3-043	F4	CATAACCCAGAAAACAGAAATGAATATCGCG	2DJP-156	H12	CAAGCAAGCGAGCATGTAGAAAACAGAAATCCG
Tile3-044	F5	TGCAACTACAGGCTTCAAAGCGAAAATGCTTT	2DJP-157	H13	AATTTACTAACACCGCAACATGTAATCCCAT
Tile3-045	F6	CCAAAATACATTTGAATCCCCCTCACCGACCC	2DJP-158	H14	TCAATACCGAAACAAGAAAATAATATTTAGCC
Tile3-046	F7	ATATAAGCTCTCAACAGGTCAGGAATCTGTA	2DJP-159	H15	AGGCGTATTTCGAGCCGATTAACAATAAG
Tile3-047	F8	TTTTGCCAGGTCCTCAATACTCGCGGTTAGAG	2DJP-160	H16	TATAGAGAGCGCGCTGTTTATCAGAGATA
Tile3-048	F9	TTTTTGGGATGCTCCTTTTGTAAATGTTTAG	2DJP-161	H17	AATGGTTTCGACAAAAGTAAAGTGTTCAGCT
Tile3b-049	G1	CCTAATTTTTTGTGTTGACCAATTTCTGCGAA	2DJP-162	H18	GAGGCGTTTTTTCGACAATAAACAATAATTTCTGT
Tile3-050	G2	AAGAGGAAACAGTGTGATTTCCAATGACATTT	2DJP-163	I10	ACGCTCAACAATTTCTTCCAGTAGTGAATTT
Tile3-051	G3	CAACCGAAGGTCATAACCTGTTTGTGTTTCAT	2DJP-164	I11	TTAAGACGATAGGCTGAGGACTATCATAT
Tile3-052	G4	TTTTAATTAAGTACGGTGTCTGGAAGCTTAT	2DJP-165	I12	CATATTTAGAAAAGCCTGTTTATGACTCTTTT
Tile3-053	G5	CTGTAATAGGGCGCGAGCTGAAATTTAAATA	2DJP-166	I13	TAGAATCCGCTTAGGTTGGTTAGGAATCAT
Tile3-054	G6	GAAAGAACTGTAGCTCAACATGTAGGTGGCA	2DJP-167	I14	AGAGGCATAATAAGAATAAACCCCTTAATCACT
Tile3-055	G7	GCTAAATCACTAATAGTATAGTAACATTTCTG	2DJP-168	I15	CTGTAATTTGCTGATGCAATTAACAGATAATA
Tile3-056	G8	TACCTTTAGATGGCTTAGAGCTTATTAACATC	2DJP-169	I16	TAAAGTACGAAATACCGACCTGTTATCGCAAG
Tile3-057	G9	CAAAATACATACAGCCAAAGCAAGAGGTC	2DJP-170	I17	AAATCAATCCGGAACAACTTTTCTTAATTT
Tile3b-058	H1	GCAAATTTTTTAAATGCAATGCTGAGAACCTCCA	2DJP-171	I18	CCAGAGCATTTTAAATTTCTCTGACCAATAATA

Tile3-059 H2 TCGCAAATGGATAAAAATTTTGTAGTATGTGT 2DJF-172 J10 ATCAAATCTGAGAAGAGTCAATACGGATTTCG  
Tile3-060 H3 AGAAAAGCATTTCAAAGGGTGAGACTTTATTT 2DJF-173 J11 CTTTTACACTTTGAATACCAAGTTAGCTTAGA  
Tile3-061 H4 TTTTCATTTCITTTTGGGGGAGAACGAGCCGG 2DJF-174 J12 TAACCTCCTTGAACACATAGGCAACAAATC  
Tile3-062 H5 CATGTCAAATAACCCATCAATATTTATGACC 2DJF-175 J13 TTTAACGTGGCAATTTATTCATTTCTTTCCCT  
Tile3-063 H6 TCAATTTCTGGTTGTACCAAAAACAGATATTTCA 2DJF-176 J14 TATGTAAACGTGCTATTTAAATTTAAATFACT  
Tile3-064 H7 AGAGAATCAGCTGATAAATTAATGAGCATAAAA 2DJF-177 J15 ACAGAAATGAAGATGATGAACAACTCTGCTT  
Tile3-065 H8 CAATAAATAGCAATAAAGCCTCAGCCGGAGAG 2DJF-178 J16 ACAAAAGAAATATGTGAGTGAATAACACATCAAG  
Tile3-066 H9 TCAAGTCAATTTTGAAGAGTCTACTAAAGCCA 2DJF-179 J17 AACCTACCAATTAATACATTTAACCAAGTACAT  
Tile3-067 I1 TTAAGACGTTAAATTTGAACGTTTGTATAA 2DJF-180 J18 TTTTAGTTTTTCTCTTTTAAATGGAAAAATTCAT  
Tile3-068 I2 AGGTAAGCCCAAAAACAGGAAGAATATTTT 2DJF-181 K10 CCTGATTTGCGGAGAAAACAATAATTTGGGAAG  
Tile3-069 I3 GTTTGAGGTGCGATTAATTTTGTGATAAATC 2DJF-182 K11 CGACAACCTTTAAAAGTTTGAAGTAAACAGTAC  
Tile3-070 I4 AGACAGTCTCATATGTACCCCGTTTAAATCA 2DJF-183 K12 GCGCAGAGCAGATGAATATACAGTACATATC  
Tile3-071 I5 TAGATGGGTTAAACCAATAGGAACAAAACCTAG 2DJF-184 K13 GGATTTAGGAACAAGAAACACCTTTTCAGG  
Tile3-072 I6 ACCGTTCTGATGAACGGTAAATCGTCCATCAA 2DJF-185 K14 GAGCAAAAAAGAAATTTGCGTGAAGAAGGAG  
Tile3-073 I7 GATTGACCCCGCTCTGCGCTTCTAGCAAAACA 2DJF-186 K15 AAGATAAATCATCATATTTCTGATCACTGATA  
Tile3-074 I8 GGTAGCTATGCGTGAAGAGTCTGGGTAGCCAG 2DJF-187 K16 AAAACAAAATCAAAATTAATTTGATTCAGAT  
Tile3-075 I9 ACCCGTCAACATTAATTTGAGCAAAAGGGCTA 2DJF-188 K17 GCCATTAATTCATCAATTAATTTCCAGGGTTAG  
2DJF-076 J1 ATTAAGTTTTTGTATTTCCCTGGGAACGAGTAA 2DJF-189 K18 TTGAATTAATTTACTTCTGAATTAATGATGATTGT  
2DJF-077 J2 AGAGAATCAACATTAATTTGAGCAAAACGGCG 2DJF-190 L10 TTATTAATCTGATTAATTTCTTGAAGAAGC  
Tile3-078 J3 CACGACGTGGACGACGACAGTATCATCTGCCA 2DJF-191 L11 GTAAGCAAAAGCTCAAAGGGTGAAGAAACAAT  
Tile3-079 J4 GCTCATTTCCGATCGTAAACCGTGGCCGCTAG 2DJF-192 L12 ATTTTGGCAAGTATAGACTTTACAAACCCGCT  
Tile3-080 J5 ATTAAGTTCACTCAAGTCTCTTTGAGGAACAAGTTTTCTTGTCCAGCTTTCTGTTGGTG 2DJF-193 L13 ACCCAAATCGATGGCCCACTACAGTACATTTGA  
Tile3-081 J6 AAATAATTTGAATGGGATAGTCCACGGCACC 2DJF-194 L14 CGGAATTAACGAGGTTAGATAATGAGATAGA  
Tile3-082 J7 CAGCTGGCTGCCGAATCTCTTTGAGGAACAAGTTTTCTGTACCAGGCAAAACGGCG 2DJF-195 L15 ATAAAAGGGACCTGAAAGCGTAAAGCACGACG  
Tile3-083 J8 CTTTCATCGATTTCCCGTGGGAACAAGCCCA 2DJF-196 L16 GATGGCAAAAATCCGAACGAACCAACATCGTG  
Tile3-084 J9 GGCATCGTCAGGCTGCGCAACTGGAATTAACA 2DJF-197 L17 CATTTGGCAAAATTTTGAATGGCAAAACATC  
2DJF-085 K1 CCACAGAGTTTGGGTAAACGCGAGGTTGCAAGCG 2DJF-198 L18 TGATTAATTTTGGCAACTGATAGGATTTAGTGC  
2DJF-086 K2 GATTGACCGAAAGGGGATGCTTCCCACT 2DJF-199 M10 TGGACTCCCTAAATCGAAACCTTAAGCCGGC  
Tile3-087 K3 AGCTGATTTGTAACAGCAGCCCAATCCCACT 2DJF-200 M11 CGCGCTTACGAAAAGGAAAGGGAAGGTTGCG  
Tile3-088 K4 GAAGATCGGGTAAAGTCTCTTTGAGGAACAAGTTTTCTTGTCCAGGGTTGTGCCAAG 2DJF-201 M12 TATCAGGGCAAGTTTTTTGGGGTGAAGGACC  
Tile3-089 K5 TGGTTTTCTCGAGCTGCACTTCCAAAGGCG 2DJF-202 M13 CGCGCTCGCGCTAGGGCCGCTGGGCTGATA  
Tile3-090 K6 GCTTCTGGAAAGGGTCTCTTTGAGGAACAAGTTTTCTTGTGATGCTAGAGGATC 2DJF-203 M14 ACCCTTCTGACATTTCCGCAACCAACATC  
Tile3-091 K7 GCATAAGCCGAGCTCGAATTTCTGTTATACGC 2DJF-204 M15 AGAAGAACACAATATTACCAGGACCACTA  
Tile3-092 K8 TTCGCCATTTGCGGGGCTCTTCCGAATCATGG 2DJF-205 M16 GCACAGAGCATTCACAGTCAACCCATGGA  
2DJF-093 K9 GCTACAAGTTTCTGTTGTAAGTAAATCCGAACG 2DJF-206 M17 CTTTGATTAACGCTCATGGAATAATATTATA  
Tile3-094 L1 GCAAGCGGTCACCGCTCCCTGAGA 2DJF-207 M18 TTTAATGCTTTTCAATCGTGAATGGCTACAT  
Tile3-095 L2 AACCTACCGCCCTTCCCGCTGGGTTTGCC 2DJF-208 N10 GACGTGGATGCGCCGCTACAGGAACCTGACT  
Tile3-096 L3 CTTAAACACGAAAATCTGTTTACGGGCAAC 2DJF-209 N11 AGGGTTGATAGAATCAGAGCGGGAACCCCGC  
Tile3-097 L4 CTTGCAATGTTTTCCAGCTGAGATGGTGGT 2DJF-210 N12 AAGGAGCGGCTGCGCTAACCCCGCTAAACA  
Tile3-098 L5 TCGGTTTAGCAAAATCCCTTATACGCCAGGG 2DJF-211 N13 TGCTCAGTATTAAGGGATTTTAGCAAGTGA  
Tile3-099 L6 CCGGGTATGTAAGGATTTGGAATCAAAA 2DJF-212 N14 TATCCAGATCAAACTATCGGCTTACAGGAC  
Tile3-100 L7 AAAAAAGGAGATAGGTTGAGTACGCCGAA 2DJF-213 N15 CCTCAAGAAGAATCTGGAAGTACCTGACT  
Tile3-101 L8 TCATAGCTTTCCACACAACATACGGTTTCCAGTTGGA 2DJF-214 N16 ACAGGAAAGTAATAACATCACTTTTTTTATA  
Tile3-102 L9 ACAAGAGTCCACTATTTGTTATCC 2DJF-215 N17 CTGAACAGGCCACCAGGTAAGAAAGCAATCTT  
Tile3-103 C10 AGGGTTGATATAAGTATAGCCCGGCCAGAA 2DJF-216 N18 TTGACGCTTTTTAAATTAACGGTTAGAGCTCTGTCATCACGC  
2DJF-104 C11 ACAACCAACAGTCTCGAATTTACCGCTGAG 2DJF-217 ML1 AACGCGGGGGAGGCGGTTTCTCGGGAACCTGTGCTGCCACTG  
Tile3-105 C12 TGCTCAGTACGAGCGGCAAGTGGCTCCAG 2DJF-218 ML2 TTGCGCTCACTGCGCCCTTCCAGCTGGGGCTCAATGAGTCACTG  
2DJF-106 C13 TGAGGAGATACATGGCTTTGATCGGGTTT 2DJF-219 MR1 GTTGGCAAATCAACAGAGCACTAACAATAATGATTAGAGCCGCTAAAATCAATATCTGGTC  
Tile3-107 C14 CCTCAAGAGAAGGATAGGATAGGATACAGG 2DJF-220 MR2 CAAATATCAAACCTCGAGCGGCTGATTTAAACCCCGCTGAACAGTCACTTCTGTAACC  
2DJF-108 C15 CACAGAGATAGGAATAAGTTTAACTGTAGAT 2DJF-221 M9 AATAATATAGAGCTTGACGGGGAAGGGAGC  
Tile3-109 C16 CTGAAACATGAAAGTATTAAGAGGGGGGCTAG 2DJF-222 N9 TGTAGCATTTTACGAGCAGTATCGGCTACT  
2DJF-110 C17 GCCACCACTAACAGTCCCGCTATCTTATTT 2DJF-223 E1 TTATTCATTAATGAGATACATTAAGAAATCA  
2DJF-111 C18 CTGCTTATTTCCGGAACAACAGTT 2DJF-228 E2 CCAAAATCACTAGTTGAGATTTAGCGCAAAA  
Tile3b-225 F1 CGAGTAGATTTAAAGCGGATTTGCATCATATTATAG  
Tile3-230 F2 GGAATTACAGGCTTTTACCTGACAAAAGATT

**Staple strands for Tile-4**

2DJF-001 A1 CAGCGAAATTTTCAACCATCGCCACGTCGCGCCACAATGACA 2DJF-112 D10 GGAAAGCGATAAATCCTCATTAAAATCAAGTT  
2DJF-002 A2 CCGAAATCGCTTGATACCGATAGTATAACCG 2DJF-113 D11 AGCACCGTCGCTGAGACTGATGCTGATATC  
2DJF-003 A3 AAAGGCGGGTCTGCTGAGGCTTGCCTGTTTCA 2DJF-114 D12 TAAGCTCGTCAGACGATTTGCTGCTGTTTCA  
2DJF-004 A4 GAATAGCCTCAGCTTGTCTTCCAGTGGGATTT 2DJF-115 D13 CCGGAACTTCCGCTATAGSCCCCCAGGAGGT  
2DJF-005 A5 ACGTTAGTAACTTCAACAGTTTCTAATTGTA 2DJF-116 D14 AGTGTACTCCGCCCGCAGCATTGATATTAG  
2DJF-006 A6 AGTTTGGACTTCAAAGGAGCCTTTAGCGGAGT 2DJF-117 D15 AATCACCATCTTTTCAATAATCAAAGAACCAC  
2DJF-007 A7 CGTAACGAAAGGAACAACTAAAGATCTCCAA 2DJF-118 D16 TGCCCTGACCTCAGAGCGCCACCACTCACGG  
2DJF-008 A8 GAACGTGGTTTTTTCAGTTGAAAGAATTTGG 2DJF-119 D17 GACTTGAGCCACCACGGAACCCCTCAGA  
2DJF-009 B1 ATACGTAATTTTGCAGCATCGGAACCAACCTCAG 2DJF-120 D18 AATGCCCTTTTACCCTCAGAACCCGCACTCCCTCA  
2DJF-010 B2 ATATATTCCTTTTGGGGATCGTGGGTAGCA 2DJF-121 E10 TGCCTTTAAATCAGTACGACAGCAACCTTATG  
2DJF-011 B3 TTTCTAAGAGGCTTTGAGGACTAGGATAG 2DJF-122 E11 TACATACAAACCCAGCAAGTAAAGTTGATAGC  
2DJF-012 B4 TGCTAAACAAATGAAATTTCTGTAAGGGATTT 2DJF-123 E12 TCGGCATTGTCACCAATGAAACCAATTTTGT  
2DJF-013 B5 CTCAGAGATAGGAACCCATGTACTTTCCAG 2DJF-124 E13 TTTATACGAATAGAAAATTCATATTAGCAAG  
2DJF-014 B6 GAGATAGTCTAAAGTTTGTCTGTAACAC 2DJF-125 E14 GTTTCGAGTAGCACCAATTACCATTGGTTACC  
2DJF-015 B7 CCCTCAGAGTCCAGGATCAAACTATAAGTATG 2DJF-126 E15 ATACCCAAAGCAAAAAGGGCGCAGCCAGCA  
2DJF-016 B8 TTTCTCGTTCCACAGACGCCCTCACAAAGCC 2DJF-127 E16 AACAGAGCCATTTGGGAATTAAGATTTCAACCG  
2DJF-017 C1 AGTAATCTTTTTCGCACTACGAAGGCAGGGTAAA 2DJF-128 E17 GAAGGAAAAGGGAGGTAATTTCCGTCACC  
2DJF-018 C2 ACGGCTACGGAAGTTTCCATTAACCAACTA 2DJF-129 E18 CATTCACCTAAAGGTGAATTTACAGACGGA  
2DJF-019 C3 CCAGGCGCGAGGCAAAAGAAATCAAAAGACTT 2DJF-130 E19 CCCCATAAGCAAAAAGGGCGCAGACGSA  
2DJF-020 C4 CAAGCCCAACCACTCAATTTTCTAAAACA 2DJF-131 E20 CCAAATCAAGGGAAGGTAATTTTCAACCG  
2DJF-021 C5 CTTTGAATGACCCCGAGGATTTACCGCCAC 2DJF-132 F10 ACGCAAGTAAAGGTGGCAACATGAACACCC  
2DJF-022 C6 TGAGTTTCCACCCGACCTCAGAATTAACCAAG 2DJF-133 F11 GCGCATTAGTCAGAGGATTTGAGTAGAAA  
2DJF-023 C7 ACGGTCAAAGTACAACGAGATTTACCGCCA 2DJF-134 F12 TCAACATCCAGTATGTTAGCAAAACCGCTAAT  
2DJF-024 C8 TACTCAGAGGTTTATGTATCAT 2DJF-135 F13 CTTTACAGGATAACCCACAAGATAAGACTCC  
2DJF-025 C9 GCTCCATGAAATTTGTGCAAAATCAATAGTGTATCACCG 2DJF-136 F14 AGCGCCAAAAGAACTGGCATGATTTGAGTTAA  
Tile1-026 D1 TTTTTTTTGAAGAAGGATATCATCAAG 2DJF-137 F15 TTTTTTTTAAAGAGCAAGAAACAATACCGA  
Tile1-027 D2 AAACGAAATAGGCTGGCTGACCTTTCAATACCAAAATCAATTTTTTTT 2DJF-138 F16 ATTGAGGGCGGAGAAACGCAATTAATAAAT  
2DJF-028 D3 AAAGATTCAAGTAAACAAGCTGCTGTACAGA 2DJF-139 F17 ATATTATATCTTACCAGAACCCGCTTACCA  
2DJF-029 D4 CTCATCTTGAGGACAGATGAACGGCATTCAGT 2DJF-140 F18 TTATTCATTTTTGAGCAGTAGCCGAACAATTTTTAAG  
2DJF-030 D5 ACGAACTACTTCCGCTGAGCAGAACTGACCAA 2DJF-141 F19 TTTTTGCGGTGAGGGTAATTTGATGATTA  
2DJF-031 D6 CGGAAACATCAAGGGAACCGAAACACAGA 2DJF-142 F20 ATTTAGGGGATAACCCACAAGAAATCCGCTAAT  
2DJF-032 D7 GGCAGTTGTAATTTGGGCTTGAAGAAGCGCAG 2DJF-143 G10 TGAACAAGAGCGGGAGAAATTAACTAAGAACGC  
2DJF-033 D8 CGCTGATTTACTTAGCCGGAACGTTGTTAA 2DJF-144 G11 TATAGAGTTAGGCAACCTCCCAACAGGGGA  
2DJF-034 D9 CGATTTTATTAATCATTTGGAATTCGGACCT 2DJF-145 G12 ATCAGAGAAGAAATAACATAAACTTGGCGG  
2DJF-035 E3 TAAATATTAATCATTTGAGATTTAGACAGGTAG 2DJF-146 G13 TCATTAACCAAGCTTTAAATCAAGAATAGCAGC  
2DJF-036 E4 GAATAAGAGCGGAACAACATTTGAATACCA 2DJF-147 G14 GCCCAATAACGTCAAAATTAAGTTAGTTCG  
2DJF-037 E5 ACTGGATATAATGAGATACATAATTAATAAAA 2DJF-148 G15 CAAGCAAGCCGACCTCAATTTTAAACGATT  
2DJF-038 E6 ACGAGTAGGGAAGAAAATTTACCGCCCAAAA 2DJF-149 G16 CCAATAGCTCCCAATCCAAATTAAGATCTGAA  
2DJF-039 E7 TTTGCCAGGAGCATAGTAAGGACCAAGTCA 2DJF-150 G17 GGTATTAACCGCTAACGAGCCTACAGCCAT

2DJP-040	E8	TTTCAACTGAACTGGCTCATTATAACACTAT	Tile4-151	G18	CGAGTAGAGCCAGTTACAAAAATAATCCGAG
Tile4-041	E9	CCAAAATATCGTTTACCAGGACGACTAAAGAA	Tile2-154	H10	GAGGCGTGTCTTATCCGGTATTTCGATACATT
2DJP-042	F3	TACCTTTACATGTAACTCCCTCAAATCGTCA	Tile2-155	H11	TAAAGTACCAGCAATAAACCAACTAATATCAGA
2DJP-043	F4	CATTCAACCGCTCAACTACTCGGAAATGCTTT	Tile2-156	H12	AGGTTTTGGCGCCCAATAGCAACGGTTCAGCT
2DJP-044	F5	GAAGCAAAACGAAAAACGAGAATGAATGTTAG	Tile2-157	H13	AGAGGCATACGCGCTGTTTATACGGTAGAA
2DJP-045	F6	GGAAATACAGGGGGTAAATAGTAAACCAATAAT	Tile2-158	H14	TATTTTCCCGCTTTTATTTTTCATACAAATGA
2DJP-046	F7	TTTTAAATAGGCTCTTACCTTGACAAAGAAAT	Tile2-159	H15	CATATTTAGAAACAAGAAAAATAATAGCAGAA
2DJP-047	F8	CATAACCCGCGAGGGCTTTGCATATTATATAG	Tile2-160	H16	TCTTACCACCAAGTACCAGCATATCCCATC
2DJP-048	F9	AAGAGGAAAAAGCGGATTGCATCAGATAAAAA	Tile2-161	H17	ACGCTCAACGAGCATGTAGAAACCCAAAGAAC
Tile1-049	G1	CAAAATATTTTGGATGGCTTAGAGCTTAAAGGTCATTTTTGCGTTTTTTTT	Tile4-162	H18	CCTAATTTTTTTCTTCTTCCATTCATCAATCAATA
Tile1-050	G2	TTTTTTTTTATGCTCCTTTGATAATTGCTGA	Tile4-163	I10	CCAGACGACGACAAAAGGTAAGGTTATAACTA
2DJP-051	G3	CAATAAATCTGTAGCTCAACATGTTTAGAGAG	Tile4-164	I11	TAACCTCCTGTGATGCAAAATCCAAGAGAATA
2DJP-052	G4	AAACAGTTCTCACAACAGGTCAGGATTTAATA	Tile4-165	I12	AATGCAAGATTCGAGCCAGTAATAATCGCAAG
2DJP-053	G5	TCAATTTCAAGTACGGTGTCTGGACAGACCCG	Tile4-166	I13	ATCAAAATCGCGAGAAAATCTTTTATTTAGCG
2DJP-054	G6	CAAAAATCCGAGCTTCAAAGGCAAGGTTTCAT	Tile4-167	I14	TAAGTCTCAACCGCAACATGTACAATAATA
2DJP-055	G7	TTTCAATTTACAGTTGATCCCAATATATCGCG	Tile4-168	I15	TTAAGACGAATTTTCACTCTCTTTGAGGAAACAAGTTTTCTGTCTCTGACAGAATCGC
2DJP-056	G8	TCAGAAGCGCCGAAAGACTTCAATCTCGGAAA	Tile4-169	I16	CTAATTTACAGTAGGGTCTCTTTGAGGAAACAAGTTTTCTGTCTTAATGCTAAATTT
2DJP-057	G9	TCGCAATTTTAGTTTGGACCAATAAAAAGATT	Tile4-170	I17	TGAAATCCGAAATACCTCTCTTTGAGGAAACAAGTTTTCTGTGACCGTGTAAAGCCA
2DJP-058	H1	TCAGGTCATTTTAGCAATAAAGCCTCAGAGAATTAG	Tile4-171	I18	ATCGGCTGCAAAATCTTACCAGTAGATAAATA
2DJP-059	H2	ATATAATCGATACAGGCAAGGCAAGCAATAAA	Tile4-172	J10	TATGTAAGGCTTAGGTGGGTACGGATTTCG
2DJP-060	H3	GGTAGCTAGGTTGATCCAAAACATTAACATCT	Tile4-173	J11	CTTTTACACTTTGAAATACCAAGTTTACCCTTT
2DJP-061	H4	TGCAACTAACATATAGTAGTAGCATATTGACC	Tile4-174	J12	ACAAGAACAATAGGCTCTGAGAGCAAGAAATA
2DJP-062	H5	ACCGTCTCTTTTGGCGGAGAAGCAGGTGGCA	Tile4-175	J13	TTTTAAGTCTGAGAAGAGTCAATAAAATACCT
2DJP-063	H6	TCCATATAGGGCGCGAGCTGAAACTTTTTTTT	Tile4-176	J14	TTTTAGTCTGAGAAGAGTCAATAAAATACCT
2DJP-064	H7	AGACAGTCCGATAAAAATTTTAGAGCTATAT	Tile4-177	J15	ACAGAAATGAAAGATGATGAAACAAAGCTTAGA
2DJP-065	H8	CGAGTAGAGGTCATAACCTGTTTAAACCTTCA	Tile4-178	J16	AATGGTTTTGAAAACCTCTCTTTGAGGAAACAAGTTTTCTGTATAGGATACATCAAG
Tile4-066	H9	AGGTAAGAAATGCAATGCTGAGAAATCTGT	Tile4-179	J17	ACCTACCAATTAATACATTTTAACTTTTCCCT
2DJP-067	I1	ACCCGTCGTTTTTGCCTGAGAGCTGGAAGGCTA	Tile4-180	J18	AGGCGTTACGTCGCTATTAATTAATTTTCAT
2DJP-068	I2	GCTAAATCTTTTGGAGAGATCTACAGCAAAACA	2DJP-181	K10	CCTGATTTGCGGAGAAAACAAATACCCGCAAC
2DJP-069	I3	CTTTCAATCGATACAGGTAATCGTCCGAGAG	2DJP-182	K11	CGCACACTTTTTAAAAGTTTGAACACAGTCC
2DJP-070	I4	CTGTAATAGCTGATAAATTAATGAAAACCTAG	2DJP-183	K12	GCGCAGGACAGATGAATATACAGTCAATTC
2DJP-071	I5	AAATAAATTTTCAATATGTAAGTGAATGATTTCA	2DJP-184	K13	GGTATTAGGAAACAAGAAACACCTTTTTCAGC
2DJP-072	I6	CAACGCAAAAATCACCATCAATATTGATAATC	2DJP-185	K14	GAGCAAAAAAAGAAATGCGTAGAAGAAGGAG
2DJP-073	I7	GCTCATTTCGCAAAAACAGGAAGAAAGGCGCG	Tile4-186	K15	TGCCACGCTCATCATATCTCTGATCAGTAAA
2DJP-074	I8	TATATTTTATCAAAGGGTGAAGATTGATAAA	2DJP-187	K16	AAAACAAAAATCAAAAATTTTGTATCAGAT
2DJP-075	I9	GTTAAAATTTAAATTTGAAACGTTTAAATGTGT	Tile4-188	K17	GAGGCGGTTTCAATCAATATAATCCAGGGTGT
2DJP-076	J1	ATTAAGTTTTTGGATTCTCCGCTGGGAACGAGTAAACA	Tile1-189	K18	TTGAATTAACCTCTGAAATTAATGATGTTGTT
2DJP-077	J2	AGAGAATCAACATTAATGTGACAAACGCGC	Tile4-190	L10	TTATTAATCGTATTAATCTTTGCGATGGCC
2DJP-078	J3	CAGCTGGCTAATGGATAGTCAAGTACGACCA	Tile4-191	L11	GACGGGAGAACCATCACCCAAATTAACAATTT
2DJP-079	J4	CATGTCACCGCTCTGGCCTTCTCGTTGGTG	Tile4-192	L12	ATTTTGGCAAGTATTAGACTTAAACAGTTTTT
2DJP-080	J5	GGCAGTCGCGATCGTAACCGTCCGCACTCAA	Tile4-193	L13	GAACCTAGAGGTGCGCTAAGACACATTTGA
2DJP-081	J6	AGAAAAGCTTAAACCAATAGGAACATCTGCCA	Tile4-194	L14	CGGAATTTAGAGCCCTAGATAAATTAATTTTT
2DJP-082	J7	TTCCGCTAGGACGAGCAGTATCTTAAATCA	Tile4-195	L15	AGCGTAAGTATTAGTCTTTAATGCTGCAACAG
2DJP-083	J8	GCAAAATTTCCGATTAATTTTTTGGGCTCAG	Tile4-196	L16	GATGGCAACAGTATTAACACCGCCGCAACTG
2DJP-084	J9	GCTTCTGGCACTCCAGCCAGCTTAAATTTTTT	Tile4-197	L17	GGCCACAAAACACATCGCCATTAACAGAGGTT
Tile4-085	K1	CTGTTTGGATTGGTAAACCGAGGTTTCCAAAGCG	Tile4-198	L18	TGGATTATTTTACCAGCAGAAATGAAAATACCCG
2DJP-086	K2	GATTAACCGAAAGGGGATGTGCTTTGCCAGT	Tile4-199	M10	CACTACGTAAAGCGGCAAGCTGATGGTGGCCCTAG
Tile4-087	K3	TCCACGCTTGTAAAACGACGCGCATATTACGC	Tile4-200	M11	GCACGTATCAAGTGTAGCGGCTACTAGAGCTT
2DJP-088	K4	TAGATGGGTGCGGCGCTCTTCCGCTGCCAA	Tile4-201	M12	TTGGGCTCAAGGGAGCCCGGATTTGCTGGCG
Tile4-089	K5	CCGCTGGCTGACAGTGCAGCTCTTTGGGAAG	Tile4-202	M13	CTACAGGGACACCCCGCGCTTACCGCTCA
2DJP-090	K6	GTTTAGAGTCAAGCTGCGCACTGAGAGGATC	Tile4-203	M14	TGAATGGCAATACGTGGCAACAGACTAAATCG
2DJP-091	K7	GCATAAAGCCGAGCTCGAATTCGTAAGCCCA	Tile4-204	M15	ACCCGCAACCTACATTTTCCGCTGACCTGAA
2DJP-092	K8	GAAGATCTGGCCGAAAACAGGCAAAATCATGG	Tile4-205	M16	ATAGCCCTGAGATAGAACCTTCTCAATGCTC
2DJP-093	K9	GCTCAACAAGTTTCTGTGAAATCCCGAAGC	Tile4-206	M17	TCGGCTTATTTTACATTTGGCAGACATTTCT
Tile4-094	L1	TGGTGGTTCCGAAATCCGAAAATC	Tile4-207	M18	AACGAACTTTTACCAGTAAATGAAAATACCC
Tile4-095	L2	CACGACGTTGTTGCCCCAGCGGGCAAAAAT	Tile4-208	N10	GGCGCTGGAACGTCTTCTCTGTATTAAGG
Tile4-096	L3	CTTAACAATAAAAAGAAATAGCCGAAGCGG	Tile4-209	N11	AGGGTTGAACGGAACGCTACGCTTTTGACCA
Tile4-097	L4	CTTGATCCGCTGAGAGAGTTGCAACGAGATAG	Tile4-210	N12	TAACCCACCCGCTACTAGTTGGTTCAGAAATCCT
Tile4-098	L5	TCGGTTAGTGTGTCAGATTTGGAAGCCCTTCA	Tile4-211	N13	TGCTCAGTTTTTATAATCAGTGAATCGCGCC
Tile4-099	L6	CCCGGTATGTAAGAGCAGCTGATTAACAAGAT	Tile4-212	N14	TGGAATACCATTTGCAACAGGAAAGGCGCCG
Tile4-100	L7	AAAAAAGGAAAGACGTGGACTCCAGCCGGAA	Tile4-213	N15	CCTCAAGAACTCTGCTCATACCCACATATTT
Tile4-101	L8	TCATAGCTTTCCACACAATACAGACGCTCAAAGGCGAA	Tile4-214	N16	TGAAATGGGCTGGTAATATCCGAAAATTAAC
Tile4-102	L9	AAACCGTCTATCAGGGTGTATTC	Tile4-215	N17	CTGAAACACAATACTTCTTTGATTTCAAACATA
2DJP-103	C10	GGAGGCCGATATAAGTATAGCCCGGCGCAGAAT	Tile4-216	N18	AGTCACACTTTTGGCTGAGTGAAGAAGCAATAACATCACTT
2DJP-104	C11	ACAACAACAGCTCTCTGAATTTACCCGTCGAG	Tile4-217	ML1	AATCGGCCAACGCGCGTGGTTTTCTTTTACCAGTGAAGCCGCAACCCAGCTGCATTAAT
2DJP-105	C12	GGTAGCCACCAAGCGGATAAGTGGCTTCCAG	Tile4-218	ML2	TCGGGAAACCTGCTGTTGGGCTCTAATGAGTAGCTACTCACTACTGCCCGCTTTCCCA
2DJP-106	C13	TGAGCCAGATACATGGCTTTGATCGGGTTTT	Tile4-219	MR1	AATGAGGAAAGTTATAGCACTAACAACTAATAGATTAGAGCCGCTCAATACACAGTTGAAAG
2DJP-107	C14	ATCAGTGAAGAGGATTAGGATTAGGATACAG	Tile4-220	MR2	TCTGTCACTTTGGCAAGGCAAGCAAAATGAAAATCTAAGAGCATACCTTTAACCCCTTAAGAT
2DJP-108	C15	CACCAGAGGGTAATAGTTTTAACCTGAGACT	Tile4-221	M9	AAATAAAGAAGGCAAGGAGGCGCGGAAAG
2DJP-109	C16	CATCAGCTGAAAGTATTAAGAGGGGGTCCAG	Tile4-222	N9	TGTAGCATGCTAAACAGGAGGCGGTAGAATCA
2DJP-110	C17	GCCACCAAGTAAACAGTCCCTGATCTATTATT	Tile4-223	I19	CTGTAATAATAAAGATAAAACCTTATCATAT
2DJP-111	C18	CTGCCATTTCCGGAACAACAGTT	Tile4-224	I20	AGGTAAGGAAAAAGCCTGTTTAGGGAATCAT
			Tile4-225	J19	ATTAAGTTCTTTTTTAAATGGAACCTTGCCT
			Tile4-226	J20	AATTACTAATATGTAGTGAATAAAGTACAT

**Staple strands for Tile-5**

2DJP-001	A1	CAGCGAAATTTTACAACCAATCGCCACGTCGCGGACAATGACA	2DJP-112	D10	GGAAAGCGATAAATCCTCATTAAAATCAAGTT
Tile5-002	A2	CTGTTTGGAGCTTGATACCGATAGTCAATAACCG	2DJP-113	D11	AGCACCGTGGCTCAGACTGTAGCGTGATATTC
2DJP-003	A3	AAAGGCCGGGTCGCTGAGGCTTGGCTGAAATTT	2DJP-114	D12	TAAGCGTCGTACAGACTAGTCCCTGTTTTCAG
Tile5-004	A4	CCCTTATATCAGCTTTCGTTGAGTGGGATTT	2DJP-115	D13	CCGAAACTTCGGTCAATAGCCCTCCGAGGGT
2DJP-005	A5	ACGTTAGTAACTTTCAACAGTTTCTAATTGTA	2DJP-116	D14	AGTGTACTCCGCGCCAGCATTGATTATTAGC
Tile5-006	A6	GGTTGAGTTCCTCAAAGGAGGCTTTAGCGGAGT	2DJP-117	D15	AATCACCATCTTTTCAATAATCAAAGAACCC
2DJP-007	A7	CGTAACGAAAAGAACCACTAAAGATCTCCAA	2DJP-118	D16	TGCCCTGACCTCAGAGCCGCAACCATCACCG
Tile5-008	A8	GACGGGATTTTTTCAGCTTGAAGAATTTGCG	2DJP-119	D17	GACTTGAGCCACCCGGAAGCCGCTCCAG
2DJP-009	B1	ATACGTAATTTTGAAGCAGTACGGAACCCCTCAG	2DJP-120	D18	AATGCCCTTTTACCCTCAACGAGCCACTCCCTCA
2DJP-010	B2	ATATATCTCTTTGCGGGATCGTGGGATGCA	2DJP-121	E10	TGCCTTTAATCAGTAGGCAGACAACTTATG
2DJP-011	B3	TTTCATGAAGAGGCTTTGAGGACTAGGATAG	Tile2-122	E11	TACATACAACCCAGGAATAGGTTGATAGC
2DJP-012	B4	TGCTAAACAATAAGTATTTCTGTAAGGGAGTT	Tile2-123	E12	TCGGCATTGTCAACCAATGAACCATTTATTTG
2DJP-013	B5	CTCAGAGCATAGGAACCCATGTACCTTTCCAG	Tile2-124	E13	TTATTAGCAATGAAAATTTAGCATTTAGCAAG
2DJP-014	B6	GAGAATATGCTTAAAGTTTGTGCTGATAAACAC	Tile2-125	E14	GTTTGCAGTAGCACCAATTAACCATTTTAC
2DJP-015	B7	CCCTCAGAGTACCAGTACAACTATAGTTAG	Tile2-126	E15	ATACCCAAAGACAAAAGGCGCAGCCAGCA
Tile5-016	B8	GCAAGTATTTCCACAGACGCTTCCAAACGCC	Tile2-127	E16	AACCAGAGCCATTTGGGAATTAGTTCAACCG
2DJP-017	C1	AGTAATCTTTTTTCCCACTACGAAGCCAGGGTAAA	Tile2-128	E17	GAGGAAAAGGGGAAGTAAATTTCCGTCACC
2DJP-018	C2	ACCGCTCAGGAAGTTTCAATTAACCAACTT	Tile2b-125	E18	GAGCGCTCTTTAAAGGTGAAATTTAGAGGAAA
2DJP-019	C3	CCAGGCGTACGAGCAAAAGAAATCAAAAAGCTT	2DJP-130	E19	GCCCAATTAAGCAAAAAGGGCGCAGCAGGAAA
2DJP-020	C4	CAAGCCCAACCCCTCATTTTCTTAAAACA	2DJP-131	E20	CCAAATCAGGGAAGGTAAATTTTCAACCC



2DJP-021	C5	CTTTGAAATGACCCCGAGCATTACCGCCACC	Tile2-132	F10	ACGCAAAGTAAAGGTGGCAACATAGAACACCC
2DJP-022	C6	TGAGTTTCCACCGCACCCCTCAGAAATACCAAGC	Tile2-133	F11	GGCCATTAGTCAGAGGGTAATGAGTAGAAAA
2DJP-023	C7	ACGGTCAAAGTACACAGCGAGATTACCGCCA	Tile2-134	F12	TCACAAATCCAGATGTGTAGCAAAACCGGTAAT
2DJP-024	C8	TACTCAGGAGTTTAGTGATCAT	Tile2-135	F13	CTTTACAGGATAACCCACAAGAAATAGACTTC
2DJP-025	C9	GCTCCATGAAATTTGGTCGAAATCAATAGTGTATCCGG	Tile2-136	F14	AGCGCCAAAAGAACTGCGCTAGCTTTGAGTTAA
Tile5-026	D1	GAGCGCCTGACAAGAACCGGATATCATCAAG	Tile2-137	F15	TTTTTGTATATAAGAGCAAGAAACAATACCGGA
2DJP-027	D2	AAACGAAAATAGGCTGGCTGACCTTTCATTAC	Tile2-138	F16	ATTGAGGGCGAGGAAACGCAATAATGAAATA
2DJP-028	D3	AAAGATTACAGTAAACAAAGCTGTGTACAGAG	Tile2-139	F17	ATTATTTATATCTTACCGAAGCCAGTTACCA
2DJP-029	D4	CTCATCTTGGAGACAGATGAACGGCATCTCAGT	Tile5-140	F18	TCAGAAGCGCAGATAGCCGAACAATTTTTAGG
2DJP-030	D5	ACGAACTACTTGCCCTGACGAGAACTGACCAA	2DJP-141	F19	TTTTTGGGTCAGAGGGTAATGATGAGTTAA
2DJP-031	D6	GCGAAACATCATAAGGGAACCGAAACACAGGA	2DJP-142	F20	ATTGAGGGGATAACCCACAAGAAATGCGCTAAT
2DJP-032	D7	GGACGTTGTAATTTGGGCTTGAAGAGCGCAG	Tile2-143	G10	TGAAACAAGACGGGAGAATTAATGAACACGC
2DJP-033	D8	CGCCTGATTACTTAGCCGGAAGCTGGTTTAA	Tile2-144	G11	TATAGAAGTTAGCGAAGCTCCCGAACAGGGAA
2DJP-034	D9	CGATTTTTATTAATCAATTGTGAATTCGGACCT	Tile2-145	G12	ATCAGAGAAGAGAATAACATAAAACTTGCGGG
Tile3-035	E3	CAAAAATCGAGCAATAGTACCCCTCACCAGGAGT	Tile2-146	G13	TCATTACCAAGCTTTAAATCAAGAAATAGCAGC
Tile3-036	E4	GAATAAGAGCGGAACAACATATTAACACTAT	Tile2-147	G14	GCCCAATAAAGCTCAAAAATGAAATAGTTGTC
Tile3-037	E5	AAACAGTTTTCGTTTACCGAGCAGCTTAATAAA	Tile2-148	G15	CARGCAAGCCAGCTCAAAATTTTAACAGATT
Tile3-038	E6	ACGAGTAGGAGAGAAAATCTACGGATAAAAA	Tile2-149	G16	GCAATAGCTCCCAATCCAAATAGATCTCGTAA
Tile3-039	E7	TAAATATTGGCAGAGGCTTTTGAACACAGTCA	Tile2-150	G17	GGTATTAACCGTAAACGAGCGCTCAGCAGCTT
Tile3-040	E8	TTTCAACTGAAGCTGGCTATTATAAAGAAAT	Tile2b-151	G18	AAAAGTAATTTTGGCCAGTCAAAAATAATTTCCAGAG
Tile5-041	E9	ACTGGATAGGGGGTAAATAGTAAATAAAGAA	Tile5-154	H10	GAGGCGTGTCTATCCGCTATCTGAGATTAG
Tile3-042	F3	TCCATATAGCCCGAAGAGCTTCAACCATAAAT	Tile5-155	H11	CATATTTATTTGAGCCAGCTTTTAACAGATT
Tile3-043	F4	CATAACCCAGAAAACGAGAATGAATATCGCG	Tile5-156	H12	AGGTTTTGGCGCCAATAGCAAGCAGAGAATA
Tile3-044	F5	TGCAACTACGAGCTTCAAAGCGAAAATGCTTT	Tile5-157	H13	ACGCTCAACGACAAAAGGTAAGTCGTAGGAA
Tile3-045	F6	CCAAAATACATTGAATCCCTCACCAGCAGCG	Tile5-158	H14	TATTTTGGCCGTTTTTATTTTTCATATTTCTGT
Tile3-046	F7	ATATAACTCTCAACAGGTCAGGAATCGTCA	Tile5-159	H15	GCGTTATACGAAATATCTCTTTTGGAGGAAAGTTTCTGTGAACAACATATCGAGAA
Tile3-047	F8	TTTGGCAGGCTTCAATCTCGCCGTTAGAGCA	Tile5-160	H16	TCTTACCAACCAAGTATCTCTTTTGGAGGAAAGTTTCTGTGCGGACTCGTTCAGCT
Tile3-048	F9	TTTTTGGGATTGCTCCTTTGTGATAATGTTTAG	Tile5-161	H17	AATTACTAACCGCTCTCTCTTTTGGAGAACAGTTTCTGTGTTTATCACAGAAGC
Tile5-049	G1	TATATTTTTTTTTTAGTTTGGCACTATCTCGCGAA	Tile5-162	H18	CCTAATTTTCTTCTCTATCATTCACAATAGA
Tile3-050	G2	AAGAGGAAACAAGTGTGATTCACCAATGATACATT	Tile5-163	I10	AGAGGCATACACCGCAACATGATGATGAAATTT
Tile3-051	G3	CAACGCAAGGTCATAAATCTGTTAGTTTCAT	Tile5-164	I11	TTAAGAGCATAGGTCAGGACAGAGATCGC
Tile3-052	G4	TTTTAATTAAGTAGGCTGTCTGGAAGCTATAT	Tile5-165	I12	TAAAGTACCAGTAGGCGCTTAATTTGACTCTTT
Tile3-053	G5	CTGTAATAGGGGCGGAGCTGAAATTTAAATA	Tile5-166	I13	TAGAATCCGCTTAGGTTGGGTTATAAAGCCA
Tile3-054	G6	GAAAGCAACTGTAGCTCAACATGTAGGTGGCA	Tile5-167	I14	CCAGACGACAAATTTTACCAAGTATATAACTA
Tile3-055	G7	GCTAAATCACTAATAGTAGTAGCAATTTGCTGA	Tile5-168	I15	CTGTAATTTGCTGATGCAAAATCAATATCATAT
Tile3-056	G8	TACCTTTAGATGGCTTAGAGCTTATTAACACT	Tile5-169	I16	AATGACAGAAAAGGCTCTCTTTTGGAGGAAAGTTTCTGTGCTGTTAGATCGCAAG
Tile3-057	G9	CAAAATACATACAGGCAAGCCGAAAGGCTCA	Tile5-170	I17	AAATCAATCGGAGAAAACCTTTTGGATATCAT
Tile5-058	H1	CGGTTATAAATGCAATGCTGAGAACCCTCA	Tile5-171	I18	TAAGTCTTAATAAGAATAAACCCCAATATA
Tile3-059	H2	TGCAAAATGGATAAAAATTTTGTAGTAATGTGT	2DJP-172	J10	ATCAAAATCTGAGAAGGTCATACCGGATTCCG
Tile3-060	H3	AGAAAAGCATTCAAAGGGTGAGACTTTATTT	2DJP-173	J11	CTTTTACACTTTGAAATACCAAGTTAGCTTAGA
Tile3-061	H4	TTTCATTTCTTTTGGCGGAGAAAGCAAGCCGG	2DJP-174	J12	TAACTCTCTTGAACAATAGGATCAAAATAT
Tile3-062	H5	CATGTCAAAATCCACCATCAATTTTATGACC	2DJP-175	J13	TTTACGTCGGAATTTTACTTTCTTTCCCTT
Tile3-063	H6	TCAATTTCTGGTTGACCAAAAACAGATATTTCA	2DJP-176	J14	TATGTAACGTCGCTATTAATTAATAATACCT
Tile3-064	H7	AGAGAATCACTGATAAATTAATGAGCATAAAA	2DJP-177	J15	ACAGAAATGAAAGTATGAAACAACTCTGCTT
Tile3-065	H8	CAATAAATAGCAATAAAGCCCTCAGCCGGAGAG	2DJP-178	J16	ACAAGAAAATGAGTGAAGTAAATCAACATCAAG
Tile5-066	H9	TCAGGTCATTTTGAAGATATCATATTTAGGC	2DJP-179	J17	AACCTACCATTAATACATTTAACCAAGTACAT
2DJP-067	I1	ACCCGTCGTTTTTGGCTGAGAGTCTGAAAAGGCTA	Tile1-180	J18	TTTTTAGTCTTTTTTAAAGTAAAGAAATTTTCAAT
2DJP-068	I2	GCTAAATCTTTTGGAGAGATCTACAGCAAAA	2DJP-181	K10	CCTGATTTGTCGGGAGAAAACAATACCCGCCACC
Tile5-069	I3	GATTTAGCCCAAAAACAGGAAGATGATAATC	2DJP-182	K11	CGCAACTTTTAAAGTTTGAATTAACAGTAC
Tile5-070	I4	AGACAGCTCATATGTATACCCCGTTTGTATAA	2DJP-183	K12	GGCAGAGCAGATGAATATACAGTACATTTATC
Tile5-071	I5	ACCCGTCGTTAAATTTGCTCTTTTGGAGGAAAGTTTCTGTGTTAAACGTTAAACTAG	2DJP-184	K13	GGATTTAGGAAACAAGAAACCCCTTTTCCAG
Tile5-072	I6	ACCCCTCTGATGAACGGTAATCGTAATTTTT	2DJP-185	K14	GAGCAAAAAGAAATGCGCTAGAGAACAGGAG
Tile5-073	I7	CTTTACTCTCGCAATTTCTCTTTTGGAGGAAACAAGTTTCTGTGAATTTTTTGGAGCAAAA	Tile5-186	K15	AGCAGCAATCATATTTCTGATCAAGCTAAA
Tile5-074	I8	GGTAGCTATTGCGTGAAGTCTGGTTAAATCA	2DJP-187	K16	AAAACAAAAATCAAAAATTTTGTATTCAGAT
Tile5-075	I9	AAATAATTTTAAACCAATAGGAACAAGGCTA	Tile5-188	K17	ACACCCGCTTCAATCAATTAATCAACAGGTTAG
Tile5-078	J3	CAGCTGGGCTAATGGATAGGTCAAACCGCGC	2DJP-189	K18	TTGAATTTTACTCTGTAATTAAGGATGATTTGT
Tile5-079	J4	GCAAAATGATTTCTCTCTCTTTTGGAGGAAACAAGTTTCTGTGTTGGGAAACCGTTGGTG	Tile5-190	L10	TTATTAATCGTATTAATCTCTTTTGGAAACCAT
Tile5-080	J5	GGCGATCGGCATCGTAAACCGCTGGCAGTAACA	Tile5-191	L11	GAACGTGGCAAGTTTTTGGGGTCAAAAATTT
Tile5-081	J6	GTTAAAAATACATTAATCTCTTTTGGAGGAAACAAGTTTCTGTGATGAGCATCTGCCA	Tile5-192	L12	ATTTTGGCAAGTATTAGACTTTACGAGGTGCA
Tile5-082	J7	TTCCGCTGACAGCAGCAGATATCGTAGCCAG	Tile5-193	L13	CCCCGCTTAAATCGGAACCTTACAGTTTGGC
Tile5-083	J8	GCTCATTTCCGCTCTGGCTCTCTGGCCTCAG	Tile5-194	L14	CGGAATTAATGAAAATAGATAATTTATGAGC
Tile5-084	J9	GCTTCTGGCACTCCAGCCAGCTTTGCCATCAA	Tile5-195	L15	GCACAGACCGAACTGATAGCCCTTGAGAGCC
2DJP-083	J8	GCAAAATATTGCAATTAATTTTGGGCTCAG	Tile5-196	L16	GATGGCAATGCAACAGTGGCCGCAAAAACATC
2DJP-084	J9	GCTTCTGGCACTCCAGCCAGCTTTAATATTTT	Tile5-197	L17	ACCCCTTCAAAATCCGGAACGAAACCAAGTATA
Tile5-085	K1	CCGAAATCTTTGGTAAACCGCAGGTTGCAAGCGC	Tile5-198	L18	CCCTTATAACAGAGGTGGGCGGTACAGCAG
Tile5-086	K2	AAATCAATGAAAGGGGGATGTGCTTTCCCACT	Tile5-199	M10	ACCCAAATCGAGAAAGGAAAGGAAACAGTGTG
Tile5-087	K3	CCAGCAGGTGTAACACGACGCCATATACCG	Tile5-200	M11	TTCTCTGTGCTGCGCTAACCCCAAGCCGCGC
Tile5-089	K5	GAGTTCACCTCGAGGTGCACTTTTGGGAAG	Tile5-201	M12	GTAAGCATAGAGCTTGAAGGCAACCCCGC
2DJP-089	K5	AGCTGATTTCCCTGAGGTGCACTTTTGGGAAG	Tile5-202	M13	ATGGTTGATGCGCCGCTACAGGGCTCATATT
2DJP-090	K6	GTTTGAAGTCAAGCTGCGCAACTGAGAGGATC	Tile5-203	M14	TTTAAATGCAATTTTTTGAATGCAAGGAGC
2DJP-091	K7	GCATAAAGCCGAGCTCGAATTTCTGTAAGCGCCA	Tile5-204	M15	ACAGGAAACAATCTGCTGAAATGGAATACGTG
2DJP-092	K8	GAAGATCGTCCGGAACCCAGGCAAACTATGG	Tile5-205	M16	GCCATTAAGACCTGAAAGCGTAAGATTTATTA
2DJP-093	K9	GCTCACAAGTTTCTCTGTGAAATCCCGAAGC	Tile5-206	M17	TATCCAGAGATTCACAGTCAACAGGATAGA
Tile5-094	L1	GGCAAAATCCCTTATATGTTGGTT	Tile5-207	M18	AAGATAAATTTGACATCTGCGCAACAGACAGTA
Tile5-095	L2	CACGACGTCGAAATCTCTTTTGAATCAAAA	Tile5-208	N10	GCGGTCAGTAATCAGGCGGGAACAGGAA
Tile5-096	L3	CTTAAACACAGATAGGTTGATGGTTTGGCC	Tile5-209	N11	AGGGTTGAAGAATCTGAGAAGTGAACGTGCT
Tile5-097	L4	CTTGATGGCAAGCGGTCACGCTGTTGTTCC	Tile5-210	N12	CGCGCTTATTTGACGAGCAGTATTTTTTATA
Tile5-098	L5	TCGGTTTAAACAAGATCCACTATTTCCCTGAGA	Tile5-211	N13	TGCTCAGTGGCCACCGAGTAAAAGCGCGTACT
Tile5-099	L6	CCCGGATGATAAAGCCCGCTGGAAGGAAGC	Tile5-212	N14	TTGACGCTAACGCTCATGGAATAAGCTCTGC
Tile5-100	L7	AAAAAAGGAACCTCAAAGGGCGAAAGCCGAA	Tile5-213	N15	CCTCAAGAAAATTAACCGTGTGAGCTATGCA
Tile5-101	L8	TCATAGCTTTCCACACACATACGAAACCGTCTATCAGG	Tile5-214	N16	CATTGGCAACAATATTACCAGCCGAATATTT
Tile5-102	L9	CGATGGCCCACTAGTTGTTATCC	Tile5-215	N17	CTGAAACAAGTAAATACATCACTTTGCTGGTAA
Tile5-103	C10	GAGCGGATATAAGTATAGCCCGGCCAGAAAT	Tile5-216	N18	ATAAAGGTTTTTCAAACTTACCGCTTCTGCTGAGTAGAAGAAC
2DJP-104	C11	ACAACAACAGTCTCTGAAATTTACCCTGCGAG	Tile5-217	ML1	GGGAGAGCGGTTTTGCGGAGAGCGGCAACAGCTGATTCGCTTCAAACTCGGCAACCGCG
Tile5-105	C12	GATTTTGAACAGCGGATTAAGTGGCTTTCCAG	Tile5-218	ML2	GCCAGCTCATTAATGTCGGGGTCTAATGAGTGAAGTAACTCAACATTCGGGAAACCTGTGCG
2DJP-106	C13	TGAGGACAGATACATGCTTTTATCGGGTTT	Tile5-219	MR1	AAGTTTACTAAAATAGCACTAACTAATAGATTAGAGCCGCTCAATGAAAGGAATTTAG
Tile5-107	C14	GAGAAGTGGGAAGATTAGGATTAGATACAGC	Tile5-220	MR2	GTTGGCAAATCAACAGCTTAAGCATCACCTTGTCTGCACTCAAAATATAATCAATATCTGGTCT
2DJP-108	C15	CACGAGGGAATAAGTCTTTAACCTAGAGCT	Tile5-221	M9	AATAAATAGGCGCTAGGCGCGTGGGAAGCGA
Tile5-109	C16	AGTAAAGGTTGAAAGTATTAAAGGGGGGCTAG	Tile5-222	N9	TGTAGCATATTAAGGAGTTTGTAGCTAAACA
2DJP-110	C17	GCCACACGTAACAGTGCCTCTATTATTAT	Tile5-223	H19	AGGCGTTAGAACAGAAAATAATTAACATA
2DJP-111	C18	CTGCTATTTCGGAACAACAGTT	Tile5-224	H20	TCGCAATCGAGCATGTAGAAACCATCCCATC
			Tile5-225	I19	ACCCGTCGAATTTTACTCTTCTGACGATAAATA
			Tile5-226	I20	CTAATTTAGAAATACCGACCGTGTCTAAATTT
			Tile5-227	E1	TCAGAAGCTTTTAAATGAGATACATAAGAAATACCA
			Tile3-228	E2	CCAAATCAATCAGTTGAGATTTAGCGCCAAA
			Tile5-229	F1	AAAAGTAAAAGCGGATTGCATCATATTATAG

Staple strands for Tile-6

2DJP-001 A1 CAGCGAAATTTTACACCCATCGCCACGTCGGCCGACAATGACA
Tile6-002 A2 CCAGCAGGGCTTGATACCGATGATACATAACCG
2DJP-003 A3 AAAGCCGGGCTGCTGAGGCTTCCGCTGAATTT
Tile6-004 A4 CCGAAATCTCAGCTTCTTTCAGTGGGATT
2DJP-005 A5 ACGTATAGTAACTTCAACAGTTTCTAATTTGTA
Tile6-006 A6 GAATAGCCCTCCAAAAGGAGCCTTAGCGGAGT
2DJP-007 A7 CGTAAACGAAAAGAACAACTAAAGATCTCCAA
Tile6-008 A8 CCCCAGATTTTTTTCACGTTGAAAGAAATTCGG
2DJP-009 B1 ATACGTAATTTTTCAGCAGCATCGAAACGAAACCCCTCAG
2DJP-010 B2 ATATATTCCTTTTTCGGGATCGTCCGGGTAGCA
2DJP-011 B3 TTTTCATGAAGAGGCTTTGAGGACTAGGGATAG
2DJP-012 B4 TGCTAAACAAATGAATTTCTGTAAAGGGAGTT
2DJP-013 B5 CTCAGAGCATAGGAACCCATGTACCTTTCCAG
2DJP-014 B6 GAGAATAGTCTAAAGTTTTCGCTGTAAACAC
2DJP-015 B7 CCCTCAGAGTACACAGTACAAACTATAGTTAG
Tile6-016 B8 ATGGTTGCTCCACAGACAGCCCTCACAAAGCC
2DJP-017 C1 AGTAACTCTTTTTCGCACTCGAAGCCAGCGGTAAA
2DJP-018 C2 ACGGCTACGGAGTTTCCATTAACAAACCTT
2DJP-019 C3 CCAGCGCGAGGCAAAAAGAAATACAAAGACT
2DJP-020 C4 CAGCCACACACCCCTTATTTCTTAAACA
2DJP-021 C5 CTTTGAATGACCCAGGATACCGCCACC
2DJP-022 C6 TGAGTTTCCACCACCCCTCAGAAATACCAAG
2DJP-023 C7 ACGGTCAAAGTACAAAGGAGATTTACCGCCA
2DJP-024 C8 TACTCAGAGGTTTGTAGTATCAT
2DJP-025 C9 GCTCCATGAAATGTGTGAAATCAATAGTGTATCACCG
Tile3b-02f D1 CATTCAACTTTTTGACAGAAACCGGATATCATCAAG
2DJP-027 D2 AAACGAAAATAGGCTGGCTGACCTTTCAATTAC
2DJP-028 D3 AAAGATTACGTAACAAAGCTGTGTATACAGA
2DJP-029 D4 CTCATCTTCCAGGACAGATGAACGGCATTCAGT
2DJP-030 D5 ACGAACTACTTCCCTGACGAGAAGTACACAA
2DJP-031 D6 GCGAAACATCATAAGGGAACCGAAACACCGA
2DJP-032 D7 GGACGTTTGAATTTGGCTTGAAGAAGCCGAG
2DJP-033 D8 CGCCTGATTTACTTAGCGGAAGCTGTGTTAA
2DJP-034 D9 CGATTTTAAATCAATTTGTAATTCGCGACTT
Tile6-035 E3 CAAAATCGAGGCATAGTAAAGCACAGGTAG
Tile6-036 E4 GAATAAGGACGGAAACAACTATTAACACTAT
Tile6-037 E5 AAACAGTTTCTGTTTACCAGACGACTTAATAAA
Tile6-038 E6 ACGAGTAGGGAAGAAAATCTACGATAAAAA
Tile6-039 E7 TAAATATTGCGAGAGGCTTTTGCACCAAGTCA
Tile6-040 E8 TTTCAACTAGAACTGGCTCATTATAAAGAAGT
Tile6-041 E9 ACTGGATAAGGGGGTAAATAGTAAAAGACTCC
Tile6-042 F3 TCCATATAGCCGAAAGACTTCAACCATATAAT
Tile6-043 F4 CATAACCCGAGAAAAGGAAATGAATATCGCG
Tile6-044 F5 TGCACACTCAGAGCTTCAAAGCGAAAATGCTT
Tile6-045 F6 CCAAATACATTTGAATCCCCCTCACAGACCG
Tile6-046 F7 ATATAATGCTTCAACAGGTCAGAAATCGTCA
Tile6-047 F8 TTTGCCAGGGCTCAAACTACCGGTTTAGAG
Tile6-048 F9 TTTTTCGATTTGCTCCTTTGTAATATGTTAG
Tile6-049 G1 ATCGGCTTTTGTAGTTGACCATTTATCGCAA
Tile6-050 G2 AAGAGGAAACAGTGGATTTCCCAATGATACATTT
Tile6-051 G3 CAACGCAAGGTCAATAACCTGTTAGTTTCAT
Tile6-052 G4 TTTTAAATTAAGTACGGTGTGGAAGCTATAT
Tile6-053 G5 CTGTAATAGGGCCGAGCTGAAATTTAATA
Tile6-054 G6 GAAGCAAATGTAGCTCAACATGTAGGTGGCA
Tile6-055 G7 GCTAAATCACTAATAGTAGTGAACATTTGCTGA
Tile6-056 G8 TACCTTTAGATGGCTTAGAGCTTATTAACATC
Tile6-057 G9 CAAAATACATACAGGCAAGCAAGAGGTCFA
2DJP-058 H1 TCAGTCAATTTAGCAATAAAGCCTCAGAGAATTAG
2DJP-059 H2 ATATAATGCATACAGCAAGGCAAGCATAAA
Tile6-060 H3 AGAGAATCGATAAAAATTTTGTAGCTTTATTT
Tile6-061 H4 TTTTCAATTTTTCGGGGAAGCAACCTCA
Tile6-062 H5 TCAGGTCAAATGCAATCTCTTTTGGAGAAACAAGTTTCTTGTGGCTGAGTTATGACC
Tile6-063 H6 TCAATTTCTGGTGTACCAAAAACATATGTGT
Tile6-064 H7 GGTAGCTAATCAAATCTCTTTTGGAGAAACAAGTTTCTTGTGGTGGAGAAGCATAAA
Tile6-065 H8 CAATAAATAGCAATAAGCCCTCAGAAAGCCGG
Tile6-066 H9 ACCGTTCTAAATCACCATCAATATAAAGCCA
2DJP-067 I1 ACCCGTCTTTTTCGCTCAGAGTCTGGAAAGGCTA
2DJP-068 I2 GCTAAATCTTTTGAAGATCTACAGCAAAACA
Tile6-069 I3 CTTTCATCGATGAACGGTAACTGTAGCAAAACA
Tile6-070 I4 TATATTTTTGCTGTATCTCTTTTGGAGAAACAAGTTTCTTGTAGTCTGAAAAGTACG
Tile6-071 I5 AAATAATTTTATATGTACCCGGTAAAGGCTA
Tile6-072 I6 AGGTAAAGTTTTTGTAGTCTCTTTTGGAGAAACAAGTTTCTTGTAGTCTACTGATAATC
Tile6-073 I7 GCTCATTTCCAAAACAGGAGACCGGAGAG
Tile6-074 I8 AGACAGTCACTGATAAATTAATGTTGTATATA
Tile6-075 I9 GTTAAATTTAAATTTGAAAGCTTTGATATTTCA
2DJP-076 J1 ATTAAGTTTTTGTATCTCCGTGGAAACAGTAAACA
Tile6-077 J2 AATGGTTTTAAACATTAATGTGAGCAAAACCGCG
2DJP-078 J3 CAGCTGGCCTAATGGSATAGTTCAGTAGCCAG
2DJP-079 J4 CATGTCAACCGCTTGGCCTTCTCGTTGGTG
2DJP-080 J5 GCGATCCGCGCATCGTAAACCGCCGCACTAA
2DJP-081 J6 AGAAAAGCTTAAACCAATAGGAACATCTGCCA
2DJP-082 J7 TTCGCCATGGAGCAGCAGATCTTAAATCA
2DJP-083 J8 GCAAATATTCGCATTAATTTTTGGGCCCTCAG
2DJP-084 J9 GCTTTCGCACTCCAGCCAGCTTTAATATTTT
Tile6-085 K1 TGGATATTGGGTAAACCGCAGGGTTCAAGGCG
2DJP-086 K2 GATTGACCCAAAGGGGGATGTGCTTTCCAGCT
Tile6-087 K3 CTGTTGATGTAAAACGACGCGCATATTACG
2DJP-088 K4 TAGATGGGGTCCGGCCTCTTCCGCTGCCAAG
Tile6-089 K5 TCCAGCTCTCCAGGTCGACTCTTTGGGAAG
2DJP-090 K6 GTTTAGGCTCAGGCTCGCAACTGAGAGGATC
2DJP-091 K7 GCATAAAGCCGAGCTCGAATTCGTAAAGCCCA
2DJP-092 K8 GAGATCTGCTGCCGAAACAGCAAACTATCG
2DJP-093 K9 GCTCACAAGTTTCTGTGTGAAATCCCGAACG

2DJP-112 D10 GGAAGGCGATAAATCCTCATTAAAATCAAGTT
2DJP-113 D11 AGCACCGTGGCTGAGACTGTAGGGTGTATATTC
2DJP-114 D12 TAAGCGCTGTCAGACAGATTTGGCCTGTTTTC
2DJP-115 D13 CCGGAAAATCTCGCTCATAGCCCCCGAGGAGT
2DJP-116 D14 AGTGTACTCCGCGCCAGCATTTGATTTATAGC
2DJP-117 D15 AATCACCATTCTTTTATAATCAAAGAACCAC
2DJP-118 D16 TGCCCTTGACCTCAGAGCCGCCACCATCACCGG
2DJP-119 D17 GACTTGGGCCACCCAGGAAACCGCCCTCAGA
2DJP-120 D18 AATGCCCTTTTACCCTCAGAACCCGCACTCCCTCA
2DJP-121 E10 TGCCCTTAAATCAGTAGCCAGCAAACTTATG
2DJP-122 E11 ATACCCAAACAGTATGTTAGCAAACTCGATAGC
2DJP-123 E12 TCGGCAATTTCCCAATCAAAGCCAGTAGAAGA
2DJP-124 E13 GAAGAAAATAAAGGTGGCAACATATAGCAAGG
2DJP-125 E14 GTTTGCCAGTAGCCATTTACCCTTAAAGAA
2DJP-126 E15 AAAAGTAAACCCAGCAATTAAGTCCACAGCAA
2DJP-127 E16 AACCAGAGCCATTTGGAAATAGATTTATTTG
2DJP-128 E17 CGAATAGCAATAGAAAATTCATATCCGTCACG
2DJP-129 E18 GAGCCGCTAAAGGTGAATTTACGTTTACC
2DJP-130 E19 GCCCAATAAGACAAAAGGGCCAGCGAAGAA
2DJP-131 E20 CCAAATCAAGGGAAGTAAATTTTCAACCG
2DJP-132 F10 TTATTACGAAGAACTGGCATGTTACAGCCAT
2DJP-133 F11 CCTAATTTCCCAATCAAAGCCAGTAGAAGA
2DJP-134 F12 TACATACAGGAAAGCAATTAACAGTAT
2DJP-135 F13 TCTTCCAAACGTCAAAATTAAGTATTTACCA
2DJP-136 F14 ACGCAAAGGCGATAGCCGAACAAATAGCAGC
2DJP-137 F15 TATTTTGCAGAGAATACATAAAAATTTTGAAG
2DJP-138 F16 TCAACATCTATCTTCCGCAAGCCAGCGGAA
2DJP-139 F17 AGGTTTTGGAGGGAGAATTAATATGAATA
2DJP-140 F18 AAGCCCAAATAAGGCAAGAAATGCAACACCC
2DJP-141 F19 TTTTTCGGGTGAGGGTAATGTAGGATTA
2DJP-142 F20 ATTTAGGGGATAACCCACAGAAATGCGCTAAT
2DJP-143 G10 ATATTTAGCCAGTTACAAAATGCAAGAACG
2DJP-144 G11 ATCGGCTGACCAAGTACGCACTTTCCAGAG
2DJP-145 G12 TTTTGTTCAGCTAACGAGGCTTATCGAGAA
2DJP-146 G13 CTAATTTACCGTTTTTATTTTTCATATCCTGAA
2DJP-147 G14 CTTTACAGACCCAGCTACAAATTTTGTAGGAA
2DJP-148 G15 TAAGTCTGCGCCCAATAGCAAGTTAGTTGCG
2DJP-149 G16 GCGCATTAAGCCTTAAATCAAGAAATACGA
2DJP-150 G17 AATGCAAGCTTATCCGTTTCTTTCGCGGG
2DJP-151 G18 TGAACAAATAGCGAACCTCCCGAAAAGCCG
Tile6-154 H10 GGTATTAATCTTTCCTTATCATTGAGAATTAG
2DJP-155 H11 CGGTATACAGTAGGGCTTAATGAATCAATG
2DJP-156 H12 CAAGCAAGGCGATGTAGAAACCCAGATCGC
2DJP-157 H13 AATTACTAAACACGCAACATGTAATCCCATC
2DJP-158 H14 TCATTACCGAAACAGAAAATAATATTTAGGC
2DJP-159 H15 AGGCGTATTTCGAGCCAGTAAACAAATAGA
2DJP-160 H16 TATAGAAGACGCGCTGTTATCAAGAGAATA
2DJP-161 H17 AATGGTTTCGCAAAAGTAAAGTGTTCAGCT
2DJP-162 H18 GAGCGTTTTTTCGACAAACCACTAATTTCTGT
2DJP-163 I10 ACGCTCAACAAATTTTACCAGTGTGAATTT
2DJP-164 I11 TTAAGAGCGATAGGTCTGAGAGACTATCATAT
2DJP-165 I12 CATATTTAGAAAAGCCTTAATTTGCTTTT
2DJP-166 I13 TAGAATCCGCTTAGGTTGGTTAGGAATCAT
2DJP-167 I14 AGAGGCATAATAAGAAATAAACCACTAATACT
2DJP-168 I15 CTGTAATTTGCTGATGCAATACAGATAAAATA
2DJP-169 I16 TAAAGTACGAATACCGACCGGTGATCGCAAG
2DJP-170 I17 AAATCAATCGCGGAAACAACTTTTCTAAATTT
2DJP-171 I18 CCAGACGATTTAATTTTCACTCTTCGCAAAATATA
2DJP-172 J10 ATCAAAATCTGAGAAGAGTCAATCGGATTCG
2DJP-173 J11 CTTTTACACTTTGAATCAACTAGTGAATTTAG
2DJP-174 J12 TAACTCTCTGAAAACATAGGATACAAAAT
2DJP-175 J13 TTTAACGTGCGAATTTATTTTCTTTTCCCT
2DJP-176 J14 TATGTAACGTCGCTTATTAATTTAAATTTACCT
2DJP-177 J15 ACAGAAATAGAGATGATGAACAACTTTGCTT
2DJP-178 J16 ACAAGAAATATGTGATGCAATACAGATCAAG
2DJP-179 J17 AACCTACCATTAATTTACATTTAACAGTACAT
2DJP-180 J18 TTTTATTTTTTCTTTTAAATGGAATAATTTTCA
2DJP-181 K10 CCTGATTTCCGGGAAACAAATACCCGCAACC
2DJP-182 K11 CGCAACTTTTTAAAAGTTTGTAGTAAACAGTAC
2DJP-183 K12 GCGCAGGACAGATGAATATACAGTACATTTAC
2DJP-184 K13 GGATTTAGGAACAAAAGAACCCCTTTTTCAGC
2DJP-185 K14 GAGCAAAAAGAAATTTGCGTGAAGAGGAGG
Tile6-186 K15 TCTAAGCTCATATATTTCTGTATCACTGATAA
2DJP-187 K16 AAAACAAAATACAAAATTTTGTATTCAGAT
Tile6-188 K17 TGCCACGCTTCAATATAATCCAGGTTAG
2DJP-189 K18 TTGAATTTTACTCTGCAATAATGGATGATTTGT
Tile6-190 L10 TTTATTAATCGTATAAATCTTTTTCAGAGATTTT
Tile6-191 L11 GAAGGGAAGAGGTGCCGTAAGCAAAAACATTT
Tile6-192 L12 ATTTTGGGAAGTATTAGACTTTTACCTAAATCG
Tile6-193 L13 GAGCGGAAAGGGAGCCCCGATTTACATTTGA
Tile6-194 L14 CGGAATTAATCACTTTAGATAATGCCAAGCT
Tile6-195 L15 TGAATGGCAAAACATCGCCATTAATGAAAAA
Tile6-196 L16 GATGGCAATGAGAGCCAGCAGCAAAAATACCG
Tile6-197 L17 AGCGTAAGACAGCAGAGAAATAATGCAACAG
Tile6-198 L18 TGGATATTTTTTCAGTATTAACACCGCCAGAGGT
Tile6-199 M10 TTTGGGTGAAAGCGAAAGGAGCGCTGCGCG
Tile6-200 M11 GAGCGGAAACCCCGCCGCTTTCAGAGAAAG
Tile6-201 M12 GAACCTTAAGCCGCGCAAGCTGGATGCGCCG
Tile6-202 M13 GCACGTATCGGCTACTATGTTGCCAATTCGCT
Tile6-203 M14 ATAGCCCTTATAGTCTTTAATAGCTAGAGCTT
Tile6-204 M15 TGGAAATAATTTTACATGGCAATAATTTT
Tile6-205 M16 AACGAACCAATACGTGCACAGCAATCACCT
Tile6-206 M17 ACCCGCAGGACCAAGTAAATAAGGAGCCTGAA

Tile6-094	L1	AATCAAAAGAATAGCCGGCAAAAT	Tile6-207	M18	GAGCGGGTTTTGAGATAGAACCCCTTCTGACATCT
Tile6-095	L2	CACGACGTGGTGGTTCGGAAATCCGGAGATAG	Tile6-208	N10	TAACCACCGCTAACACGAGGAGCCGAGATCCT
Tile6-096	L3	CTTAAACAGTGTTCCTCAAGTTGGACGAAAATC	Tile6-209	N11	AGGGTGTATTTTTATATCATGATGATAGATCA
Tile6-097	L4	CTTGCCATGGGTTGCCCCAGCAGGCAAGAGT	Tile6-210	N12	CTACAGGGAACGTGCTTTCCCTCGTGGCCACC
Tile6-098	L5	TCGGTTTTAAAAGAAGCGTGACTCCGAAGCGG	Tile6-211	N13	TGCTCAGTAGTGTCCATCAAGCTTGTGAGGA
Tile6-099	L6	CCCGGGTATGTAAGCGAGTTGCAAACTGCAA	Tile6-212	N14	TGAAATGGCCTACATTTTGACGGTAAATTAAC
Tile6-100	L7	AAAAAAGGAACCCGTCTATCAGGGAGCCGGAA	Tile6-213	N15	CCTCAAGACAATCTCTTCTTTGATTAACGCTCA
Tile6-101	L8	TCATAGCTTTCCACACACATAGCGGTAGGCCACTAGT	Tile6-214	N16	AGTCCACCCMTTGCACAGGAAAAGATATAA
Tile6-102	L9	GAACCATCACCAAAATGTTATCC	Tile6-215	N17	CTGAACACAGCCTGATGAGAAGAACAAATATT
Tile6-103	C10	TTCCCTCGTTAAGTATAGCCCGGGCCAGAAAT	Tile6-216	N18	GGCCAAACATTTTGTGGTAATCCAGATCAAACTATCGGCCCT
2DJP-104	C11	ACAAACAACAGTCTCTGAATTTACCCTCGAG	Tile6-217	ML1	CGGTTTGCCTATTTGGGAGCTGATTTGCCCTTACCCGCTGGCCCTGAGAAACGCGCGGGAGAG
Tile6-105	C12	GGAGGCCAGCCAGCGGATAAGTGCCTCCAG	Tile6-218	ML2	CATTAATGAATCGGCCCTGGGGTCTAATAGTGTAGCTAACTACATCTCTGCTGCCAGCT
2DJP-106	C13	TGAGGCAGATACATGGCTTTGATCGGGGTTT	Tile6-219	MR1	CAACTAATAGATTAGAGCCGTCAAAAATTGAGGAAGGTTATCTAAAATA
Tile6-107	C14	GGTACGCCGAAGGATTAGGATTAGGATACAGG	Tile6-220	MR2	GTTGGCAAATCAACAGTTGAAAGGGCTGAACCTCAAAATCAAAACCTT
2DJP-108	C15	CACCAGAGGTAATAAGTTTAACTGAGACT	Tile6-221	M9	AATAATAACAAGTGTAGCGCTGACGCTGATTAAGT
Tile6-109	C16	ATCAGTATGAAAGTATTAAGAGGGGGGTGAG	Tile6-222	N9	TGTAGCATAACAGGAGCGTACGCCATTAAGG
2DJP-110	C17	GCCACACGTAACAGTGCCTGATCTATTATT	Tile6-227	E1	TTTATCTAATGACAGATACATTAAGAATACCA
2DJP-111	C18	CTGCCATTTCCGGAACAACAGGTT	Tile3-228	E2	CCAAATCAATCAGTTGAGATTAGCGCCAAA
			Tile3b-225	F1	CGAGTAGATTTTTAAGCCGATTGCATCATATTATAG
			Tile3-230	F2	GGAAITACAGGCTTTTACCCTGACAAAAGATT

**Staple strands for Tile-7**

2DJP-001	A1	CAGCGAAATTTTACAACCATCGCCACGTGCGCCGAAATGACA	2DJP-112	D10	GGAAAGCGGATAAATCCTCATTAATAATCAAGTT
Tile7-002	A2	CCCTTATAGCTTGATACCGGATGATCATAACCG	2DJP-113	D11	AGCACCGTGGCTCAGAGCTGATGCGTATATTC
2DJP-003	A3	AAAGGCCGGGTGCTGAGGCTTAACTGAGACT	2DJP-114	D12	TAAGCGTCTCAGACGATTTGCTGCTGTTTCA
Tile7-004	A4	GGTTAGTTCACGCTTGTCTGAGTGGGATTT	2DJP-115	D13	CCGGAACCTTCGGTCAATAGCCCGCCAGGAGT
2DJP-005	A5	ACGTAGTAACTTTTCAACAGTTTCTAATTTGTA	2DJP-116	D14	AGTGTACTCCCGCCAGCTGATTTGATTTAGC
Tile7-006	A6	CCACTATTCTCCAAAAGGAGCTTTAGCGGAGT	2DJP-117	D15	AATCACCATCTTTTATAATCAAAGAACCAC
2DJP-007	A7	CGTAACGAAAAGGAAACAATAAGATCTCCAA	2DJP-118	D16	TGCTTTGACCTCAGAGCGCCACCATCACCGG
Tile7-008	A8	GAAGGAAATTTTTCACGTTGAAAAGAATTGCG	2DJP-119	D17	GACTTGAGCCACCAGGAGCCCGCCCTCAGA
2DJP-009	B1	ATACGTAATTTTGACAGCATCGGAACGAACTCCAG	2DJP-120	D18	AATGCCCTTTTACCCTCAGAACCCGCACTCCCTCA
2DJP-010	B2	ATATATTCCCTTTGGGGATCGTCCGGTAGCA	2DJP-121	E10	TGCTTTAATCAGTACAGGACAGAACTTAGT
2DJP-011	B3	TTTCATGAAGAGGCTTTGAGGACTAGGATAG	Tile2-122	E11	TACATACACACCAGGAATAGTTTCGATAGC
2DJP-012	B4	TGCTAAACAAATGAATTTTCTGTAAGGGAGTT	Tile2-123	E12	TCGGCATTGTCCCAATGAACCAATTTATTTG
2DJP-013	B5	CTCAGAGCATAGGAACCCATGTACTTTCCAG	Tile2-124	E13	TTATTACGAATAGAAAATTCATATTAGCAAGG
2DJP-014	B6	GAGAATAGTCTAAAGTTTGTCTGTAACAC	Tile2-125	E14	GTTTGCAGTAGCACCATTACCATGGTTTAC
2DJP-015	B7	CCCTCAGAGTCCACAGTACAAACTATAGTTAG	Tile2-126	E15	ATACCCAAAGACAAAAGGGCCAGCCAGCAA
Tile7-016	B8	GAGCGGGATCCACAGACAGCCCTCACAACGCC	Tile2-127	E16	AACCAGAGCCATTTGGAAATTAGATTCAACCG
2DJP-017	C1	AGTAATCTTTTTTGCCTACTCGAAGCCAGGGTAAA	Tile2-128	E17	GAAAGAAAAGGGAGGTAATTTTCCCTCAC
2DJP-018	C2	ACGGCTACCGAAGTTTCCATTAAACCAACTA	Tile4-129	E18	CATTCACTAAAGGTAATTTAGCAAGGAGAAA
2DJP-019	C3	CCAGGCCGAGGCAAAAAGAAATAAAAGACTT	2DJP-130	E19	GCCCAATAAGCAAAAAGGGCCAGCAGGGAAA
2DJP-020	C4	CARCGCTAACACCCTTCTTTTCCATAAACAC	2DJP-131	E20	CCAAATCAAGGAGGTAATTAATTTTCCACCG
2DJP-021	C5	CTTTGAAATGACCCCGAGGATTACGCCACC	Tile2-132	F10	ACGCAAGTAAAGGTGGCAACATAGAACACCC
2DJP-022	C6	TGAGTTTCCACCCGACCTCAGAAATCAACGA	Tile2-133	F11	GCGCATTAGTCAGAGGGTAATTTGATGAGAAA
2DJP-023	C7	ACGGTCAAAGTACTAGCCGAGGATTTACGCCCA	Tile2-134	F12	TCAACATCCAGTATGTTAGCAAAACCGCTAAT
2DJP-024	C8	TACTCAGGAGGTTTAGTGTATCAT	Tile2-135	F13	CTTTACAGGATAACCCACAGAAATTAAGACTCC
2DJP-025	C9	GCTCCATGAAATTTGTGCGAAATCAATAGTGTATCACCG	Tile2-136	F14	AGCCGCAAAAAGACTCGGAAATTTGAGTTAA
Tile1-026	D1	TTTTTTTTTGAAGAACCAGATATCATCAAG	Tile2-137	F15	TTTTTTTTTATAAGAGCAAGAAAATAACGGGA
Tile1-027	D2	AAACGAAAATAGGCTGCTGACCTTTCATTAACCAATCATTTTTTTTT	Tile2-138	F16	ATTGAGGCCGAGGAAAACCAATTAATAAATA
2DJP-028	D3	AAAGATTCCAGTAAACAAGCTGCTGTACAGA	Tile2-139	F17	ATTATTATATCTTACCAGGACCCAGTTACCA
2DJP-029	D4	CTCATCTTGAGGACAGATGAACGGCATTCAGT	Tile4-140	F18	TTATTCTTTTTGAGATAGCCGAACATTTTTAAG
2DJP-030	D5	ACGAACACTTCTGCCCTGACGAACTGACCA	2DJP-141	F19	TTTTTCCGCTCAGAGGTAATTTGATGAGTTAA
2DJP-031	D6	GCGAAACACTATAAGGGAACCGAAACACAGA	2DJP-142	F20	ATTGAGGGGATAACCCACAGAATAAGCCCTAAT
2DJP-032	D7	GGACGTTGTAATTTGGGCTTTGAGAAGCCGAG	Tile7-143	G10	TGAACAAGACGGGAGAAATTAACCTGATAGAA
2DJP-033	D8	CGCTGATTTACTTAGCCGGAAGCTGTTTAA	Tile7-144	G11	CAAGCAAGGCGCCCAATAGCAACCCGAGGAA
2DJP-034	D9	CGATTTTAAATCATTTGAAATTCGCGACT	Tile7-145	G12	ATCAGAGAAGAAATACATAAAAATAACAGA
2DJP-035	E3	TAAATATTATCAGTTGAGATTAGACAGGAGT	Tile7-146	G13	GGTATTAAGCTTATCCGGTATTCTATAGCAGC
2DJP-036	E4	GAATAAGACGCGGAACAACATTTTGAATACCA	Tile7-147	G14	GCCCAATAAACGTCAAAATGAAAAGAACGCG
2DJP-037	E5	ACTGGATATAATGAGATACATAAATTAATAAA	Tile7-148	G15	ATCGGCTGTTAGCGAATCTCTTTGAGGAAACAAGTTTTCTGTCTCCCGAAAACGATT
2DJP-038	E6	ACGAGTAAAGTAAAGAAAATCTAGCCGCAAAA	Tile7-149	G16	GCAATAGCTCCCAATCTCCTTTTGGAGAAACAAGTTTTCTGTGTAACAGAACAGCCAT
2DJP-039	E7	TTTGCCAGGAGGATAGTAAGACCCAGTCA	Tile7-150	G17	CTAATTTAAGGCTTTACCTCTTTTGGAGAAACAAGTTTTCTGTGTAACAGAACAGCCAT
2DJP-040	E8	TTTCAACTAGAACTGGCTCATTATAACACTAT	Tile7-151	G18	AAAAGTAAAGCCAGTTACAAAATTAATAGTTGC
Tile2-041	E9	CCAAAATATCGTTTACGAGACGACTAAAAGAA	Tile7-154	H10	TCAATACCCGTTTTTTTTTATGATGATACAT
2DJP-042	F3	TACCTTTACATTTGAATCCCTCAATCGTCA	Tile7-155	H11	GCGTTATACAGTAGGGCTTAATGATCGAGAA
2DJP-043	F4	CATTCAACCGCTTCAATATCTGCGGAATGCTTT	Tile7-156	H12	TATAGAAGACCAAGTACGCACTCAGCAATCGC
2DJP-044	F5	GAAGCAAAACGAAAACGAGAATGAATGTTTAG	Tile7-157	H13	AATTTACTAACACGCCAACATGTAAGAAGC
2DJP-045	F6	GGAAATTACAGGGGTAATAGTAAACATAAAT	Tile7-158	H14	GAGGCGTTTCTTCTTATCATCTTATTTAGG
2DJP-046	F7	TTTTAATTAGGCTTTTACCCTGACAAAGAGT	Tile7-159	H15	AGGCGTTATTTCGAGGCAATTAATAACAATA
2DJP-047	F8	CATAACCCGCGAGGCTTTGCAATATTATAG	Tile7-160	H16	AGGTTTTCGAGCATGTCTCTTTTGGAGAAACAAGTTTTCTGTGTAACAGAACAGGATA
2DJP-048	F9	AAGAGGAAAACCGGATTCATCAGATAAAAA	Tile7-161	H17	AATGGTTTCGACAAAAGGTAATGATATCCCAT
Tile1-049	G1	CAAAATTAATTTGATGGCTTAGAGCTTAAAGAGTCAATTTTTCGTTTTTTTT	Tile7-162	H18	TATTTTCGAAACAGAAAATAAATAATCTGT
Tile1-050	G2	TTTTTTTTTATGCTCCTTTTGTAAATTTGCTGA	2DJP-163	I10	ACGCTCAACAAATCTTACCAGTAGTGAATTT
2DJP-051	G3	CAATAAATCTGTAGCTCAACATGTTTGAAGAG	2DJP-164	I11	TTAAGACGCATAGGTCTGAGAGACTATCATAT
2DJP-052	G4	AAACAGTCTCTCAACAGGTCAGGATTTAAATA	2DJP-165	I12	CATATTAGAAAAGCCCTGTTTATGACTCTTT
2DJP-053	G5	TCAATTTCTAAGTACGGTGTCTGGAACGACCG	2DJP-166	I13	TAGAATCCGGCTTAGGTTGGGTTAGGAATCAT
2DJP-054	G6	CAAAAATCCGAGCTTCAAGCGAAAAGTTTCAT	2DJP-167	I14	AGGGCATATAAGAAATAAACCCCTATAACTA
2DJP-055	G7	TTTCATTTACAGTTGATTTCCAATATATCGCG	2DJP-168	I15	CTGTAAATGCTGATGCAAAATCCAGATAATA
2DJP-056	G8	TCAGAAGCGCCGAAAGACTTCAATCTCGGAA	2DJP-169	I16	TAAAGTACGAAATACCGCCGCTGATCGCAA
2DJP-057	G9	TCGCAAAATTTAGTTTGCACATTAATAAGATT	2DJP-170	I17	AAATCAATCGCGAGAAAATCTTTTCAAAATTT
2DJP-058	H1	TCAGGTCATTTTGAACAATAAGCCCTCAGAGAATTAG	Tile7-171	I18	CCAGACGAAATTTTATCTTTCTGACCAATATA
2DJP-059	H2	ATATAATGCATACAGCAAGGCAAGCATAAA	2DJP-172	J10	ATCAAAATCTGAGAAGAGTCAATACCGATTCC
2DJP-060	H3	GGTAGCTAGGTTGACAAAACCAATTAACACT	2DJP-173	J11	CTTTTACACTTTGAAATACCAAGTTAGCTTAGA
2DJP-061	H4	TGCAACTAACTAATAGTAGTAGCATTTAGACC	2DJP-174	J12	TAACTCCTTGAAAACATAGGATACAAAATC
2DJP-062	H5	ACCGTCTCTTTTGGCGGAGAACGAGTGTGTA	2DJP-175	J13	TTTAAAGTGGAAATTTATCTTTTCTTTCCCT
2DJP-063	H6	TCCATATAGGGCGGAGCTGAACTTTTATTT	2DJP-176	J14	TATGTAACCTGCTATTAATAAATAATCTCT
2DJP-064	H7	AGACAGTCCGATAAAAAATTTTAGAGCTATAT	2DJP-177	J15	ACAGAAATGAAGATGATGAACAACCTTGTCT
2DJP-065	H8	CGAGTAGAGGTCAATAACCTGTTTAAACCTCA	2DJP-178	J16	ACAAGAAATATGTTGAGTGAATAAATCAAG
2DJP-066	H9	AGGTAAGGAAATGCAATGCTGAGTAAAGCCA	2DJP-179	J17	AACCTACCATTAATTAATTTTAAACAGTACT
2DJP-067	I1	ACCCGCTGTTTTTGGCTGAGAGCTCTGAAAGGCTA	2DJP-180	J18	TTTTAGTTTTTCTTTTTTTTGGAAATTTTCTAT
2DJP-068	I2	GCTAAATCTTTTGAAGATCTACAGCAAAACA	2DJP-181	K10	CCTGATTTGCGGAGAAACAATAACCCGCAAT
2DJP-069	I3	CTTTTATCGATGAACGGTAACTCGCCGAGAG	2DJP-182	K11	CGACAACCTTTTAAAAGTTGAGTAAACAGTAC
2DJP-070	I4	CTGTAATAGCTGATAAATTAAGAAAAGTAC	2DJP-183	K12	GCGCAGAGCAGATGAATATACAGTACATATC
2DJP-071	I5	AAATAATTTTCAATGTTACCCGGTATATTCA	2DJP-184	K13	GAGTTTTAGGAAACAAGAAACCCCTTTTCAGG
2DJP-072	I6	CAACGCAAAATCACCATCAATATTGATAACT	2DJP-185	K14	GACGCAAAAAGAAATTTGGGTGAAGAGGAGG
2DJP-073	I7	GCTCATTTTCCAAAACAGGAAAGAACCCGCG	2DJP-186	K15	ACCCGCTCATCATTTCTGATCAGCTAAA
2DJP-074	I8	TATATTTTTTCAAAAGGGTGAAGTTGTATAA	2DJP-187	K16	AAAAAAAATCAAAAATTTTGTATCAGAT

2DJP-075 I9 GTTAAATTTAAATTTGTAACCGTTTAAATGTGT  
2DJP-076 J1 ATTAAGTTTTTTGATTCTCCGTGGGAACGAGTAACA  
2DJP-077 J2 AGAGAATCAACATTAATGTGAGCAAAACGGCG  
2DJP-078 J3 CAGCTGGCGTAATGGGATAGGTCAGTAGCCAG  
2DJP-079 J4 CATGTCAACCGCTCGGCCTTCCTGGTGGTG  
2DJP-080 J5 GCGCATCGCCATCGTAACCGTCCGCATCAA  
2DJP-081 J6 AGAAAAGCTTTAAACCAATAGGAACATCTGCCA  
2DJP-082 J7 TTCGCCATGGACGACGACAGTATCTTAAATCA  
2DJP-083 J8 GCAAAATTCGCATTAATTTTTGGGCCCTCAG  
2DJP-084 J9 GCTTCTGGCACTCCAGCCAGCTTTAATATTTT  
2DJP-085 K1 CCAGCAGTTTTGGGTAAACCGCAGGTTGCAAGGGC  
2DJP-086 K2 GATTGACCGAAAGGGGATGTCTTTCCCAAT  
2DJP-087 K3 GAGTTCATGTAAAACGACGGCCATATTACGC  
2DJP-088 K4 TAGATGGGGTGGCCCTCTTCGCGTGCAGC  
2DJP-089 K5 AGCTGATCTGTAAAGCCAGTCTTTGGGAAG  
2DJP-090 K6 GTTGTAGGTCAAGCTCGCCCACTGAGAGGATC  
2DJP-091 K7 GCATAAAGCCGAGCTCGAATTCGTAAAGCGCA  
2DJP-092 K8 GAGATCGTCCGGAACACAGCAAAATCATGG  
2DJP-093 K9 GCTCACAAGTTTCTGTGTGAAATCCCGAACG  
2DJP-094 L1 CGAAAATCTCTGTGGAGTTGGC  
2DJP-095 L2 CACGACGTCGCAAGCGGTCCAGCTTGGTGGTT  
T11e7-096 L3 CCGAAATCCGCAAAATCCCTTATACCCTGAGA  
2DJP-097 L4 CTTGCATGGCCCTTACCBCCTGGAATCAAAA  
T11e7-098 L5 GAATAGCCCGAGATAGGGTTGAGTGGGCAAC  
2DJP-099 L6 CCCGGATCTGTAAAGCCAGTCTTTGGGAAG  
T11e7-100 L7 AGTTTGGAAACAGAGTCCATATTAGCCGGAA  
2DJP-101 L8 TCATAGCTTCCACACACATACGAAAGCGTGGACTCC  
T11e7-102 L9 GAACGTGGAACGTCAAAGGCGAATGTTATCC  
T11e7-103 C10 GATTTAGTATAAGTATAGCCCGGCAGAAAT  
2DJP-104 C11 ACAAAACAACAGCTCTCGAATTTACCCGTCGAG  
T11e7-105 C12 GAGAATGACAGCCGAGTAAAGTGGTTCAGC  
2DJP-106 C13 TGAGGCAGATACATGGCTTTTGTATGGGGTT  
T11e7-107 C14 AGTAAAGGAAGGATTAGGATTAGGATACAGG  
2DJP-108 C15 CACCAGAGGGTAATAAGTTTTAACCTGAGACT  
T11e7-109 C16 CGTTGTAGTAAAGTATAAAGGGGGGTCAG  
2DJP-110 C17 GCCACCAGCTAACAGTCCCTATCTATTATT  
2DJP-111 C18 CTGCTATTTCGGAACAAACAGTT

**Staple strands for Tile-8**

2DJP-001 A1 CAGCGAAATTTACACCAATCGCCACGTCGCGCAATGACA  
T11e8-002 A2 GAATAGCCGCTGTATACCGATAGTCATAACCG  
2DJP-003 A3 AAAGGCCGGTTCGCTGAGGCTTCCGTGAATTT  
T11e8-004 A4 AGTTTGGATCAAGCTTCCCTTTCGAGTGGGATTT  
2DJP-005 A5 ACGTATGAACTTTCAACAGTTTCAATGTA  
T11e8-006 A6 TGGACTTCCCTCAAAGGAGCTTTAGCGAGT  
2DJP-007 A7 CGTAACGAAAAGGAACAACATAAGATCTCCAA  
T11e8-008 A8 AAGGAGCGTTTTTCCAGCTTGAAGAATTCGG  
2DJP-009 B1 ATACGTAAATTTGACAGCATCGAAACGAAACCTCAG  
2DJP-010 B2 ATATATTCCTTTTGGGGATCGTCCGGTAGCA  
2DJP-011 B3 TTTTCATGAAGGCTTTGAGGACTAGGATAG  
2DJP-012 B4 TGCTAAACAAATGAAATTTTCTGTAAAGGAGTT  
2DJP-013 B5 CTCAGAGATAGGAACCAATGTACTTCCAG  
2DJP-014 B6 GAGAATAGTCTAAAGTTTTGTCGTGTAACAC  
2DJP-015 B7 CCCTCAGAGTACCAAGTACAAACTATAGTTAG  
T11e8-016 B8 GGAGGCCGTCACAGACAGCCCTCACAAAGCC  
2DJP-017 C1 AGTAATCTTTTTTGGCACTACGAAAGCCAGGGTAAA  
2DJP-018 C2 ACGGCTACGGAAGTTCCATTAACCAACCTA  
2DJP-019 C3 CCAGGCCGAGGCAAAAGAAATACAAACGAACT  
2DJP-020 C4 CAAGCCACACACCCTCAATTTTCTAAACA  
2DJP-021 C5 CTTTGAATGACCCCAAGCTTACCGCCACC  
2DJP-022 C6 TGAGTTTTCAACCCAGCTTCAAGATCCCAAGC  
2DJP-023 C7 ACGGTCAAAAGTACAAAGGAGATTTACCGCCA  
2DJP-024 C8 TACTCAGAGGTTTTAGTGTATCAT  
2DJP-025 C9 GCTCCATGAAATTTGTGCAAAATCAATAGGTGTATCAGC  
T11e5-026 D1 GAGCCGCTGACAAAGAACCGGATATCATCAAG  
2DJP-027 D2 AAACGAAATAGGCTGGCTGACCTTCACTTAC  
2DJP-028 D3 AAAGATTCACGTAACAAGCTGCTGTACAGA  
2DJP-029 D4 CTCATCTTGAGACAGATGAACCGCATCACT  
2DJP-030 D5 ACGAACTACTTCCCTGACGAGAACTGACCAA  
2DJP-031 D6 GCGAAACATCATAAGGAAACCGAAACCCAG  
2DJP-032 D7 GGACGTTGTAATTTGGCTTGAAGAAGCCGAG  
2DJP-033 D8 CGCCTGATTTACTTAGCCGAAAGCTGGTTTAA  
2DJP-034 D9 CGATTTTATTAATCAATTTGAAATTCGCGACT  
T11e3-035 E3 CAAAATCGAGCATAGTAAGGACACAGGTAG  
T11e3-036 E4 GAATAAGGACGGAACAACATTTTAACTACT  
T11e3-037 E5 AAACAGTTTTCTTACCAGACGACTTAAATAA  
T11e3-038 E6 ACGAGTAGGGAAGAAAATCTACGGATAAAAA  
T11e3-039 E7 TAAATATTGCGAGAGCTTTGCAACACAGTCA  
T11e3-040 E8 TTTCACTAGAAGTGGCTCATTATARAAGAGT  
T11e5-041 E9 ACTGGATTAAGGGGTAAATAGTAATAAAGAA  
T11e3-042 F3 TCCATATAGCCGAAAGACTTCAACATATAA  
T11e3-043 F4 CATAACCCAGAAACAGAGATGAATTCGCG  
T11e3-044 F5 TGCAACTCAGGCTTCAAAGCGAAATGCTT  
T11e3-045 F6 CAAAATACATTTGAATCCCCCTCACCAGCCG  
T11e3-046 F7 ATATAATGCTCAACAGCTGAGGAATCGTCA  
T11e3-047 F8 TTTGCCAGCGCTCAACATCTCCGTTTAGAG  
T11e3-048 F9 TTTTGGGATTTGCTCCTTTTGAATGTTTGG  
2DJP-049 G1 CAAAATTTTGTGGCTTAGAGCTTAAGAGTCA  
2DJP-050 G2 ATCAGAGAATGCTCCTTTTGAATAATTGCTGA  
T11e8-051 G3 GCTAAATCAAGTTGATTTCCCAATAGTTTCAT  
T11e8-052 G4 TTTTAAATTAAGTACGGTGTGGATCTGCGAA  
T11e8-053 G5 CAAAATTTTGTGTTTCTCCTTTGAGGAACAAGTTTCTTGTGACCATTTTAAATA  
T11e8-054 G6 GAAGCAAACTGTAGCTCAACATGTGATACAT  
T11e8-055 G7 CAATAAATGGTCAATATCTCTTTTGGAGAAACAGTTTCTTGTACTGTTTATTGCTGA  
2DJP-112 D10 GGAAGCGGATAATCTCATTAAATCAAGTT  
2DJP-113 D11 AGCACCGTGCAGACTGTAGCGTATATTC  
2DJP-114 D12 TAAGCGCTGCAGACGATTTGCGCTCGTTTCA  
2DJP-115 D13 CCGGAACTTCGGTCATAGCCACCCAGGATTT  
2DJP-116 D14 AGTGTCTCCGCGCCAGCATGATTAATGAG  
2DJP-117 D15 AATCACCATTTTTCATTAATCAAAGAACCC  
2DJP-118 D16 TGCTTGCACCTCAGAGCCGCCACCATCACCGG  
2DJP-119 D17 GACTTGAGCCACCCAGGAAACCCGCTCAGA  
2DJP-120 D18 AATGCCCTTTTACCCTCAGAACCCGCACTCCCTCA  
2DJP-121 E10 TGCTTTAAATCAGTAGCAGCAACCTTATG  
T11e2-122 E11 TACATACAAACCCGAAATTAAGTTCATAGC  
T11e2-123 E12 TCGCATTGTCAACCAATGAAACATTTTGT  
T11e2-124 E13 TTTATACGAATAGAAAATTCATATTAGCAAG  
T11e2-125 E14 GTTGGCACTAGCACCATACCCAGGATTTAC  
T11e2-126 E15 ATACCAAGACAAAAGGGGACAGCCAGCAA  
T11e2-127 E16 AACGAGGCCATTTGGGAATTAGTTCACCCG  
T11e2-128 E17 GAAGGAAAAGGAAAGTAAATTTTCCGTCACC  
T11e2b-129 E18 GAGCCGCTTTTAAAGTGAATTTAGCAGGAAA  
2DJP-130 E19 GCCCAATAAGACAAAAGGACACAGCGAAA  
2DJP-131 E20 CCAATCAAGGGAAGTAAATTTTCAACCG  
T11e8-132 F10 ACGCAAGTAAAGTGGCAACATAATAGCAGC  
T11e8-133 F11 TTTTGTGAGAAATACATATAAAGTAGAAA  
T11e8-134 F12 TCACAACTCAGATGTTAGCAACACAGGGAA  
T11e8-135 F13 ATTTTGTAGCGGAGAAATTAACCTAGACTCC  
T11e8-136 F14 AGGCCAAAAGAACTGGCATGATTAACACCC  
T11e8-137 F15 CCTAATTTGTGAGAGTCCCTTTTGGAGAACAAAGTTTCTTGTGTAATTGAATAACGGA  
T11e8-138 F16 ATTAGGGCCGAGGAATCTCTTTTGGAGAACAAAGTTTCTGTACGCAATAGGCTAAT  
T11e8-139 F17 TCTTACAGATAAACCTCTCTTTTGGAGAACAAAGTTTCTGTACAGAAATAGTTACCA  
T11e8-140 F18 TTTATCATGACAGATAGCGAAATTAACCTAGACTTAA  
T11e8-141 F19 TATTTGCAATAGAGCAGAAACATTTTAAAG  
T11e8-142 F20 GGAATTAATCTTACCAGGCCATGAAATA  
T11e8-143 G10 CTTTACAGAACGTCAAAAATGAAAACAGAACG  
T11e8-144 G11 ATCGGCTGACCAAGTACCGCACTCAACAGT  
T11e8-145 G12 GCGCATTTCCCAATCCAAATTAAGATCGAGAA  
T11e8-146 G13 CTAATTTACCGTTTTTATTTTCATACGCCAT  
T11e8-147 G14 TGAACAAAGCGAGTTTCAAAAATACGTTAGAG  
T11e8-148 G15 TAAGTCTGCGCCCAATGACCAAGCTTCCAGAG  
T11e8-149 G16 ATCAGAGAACGCTAATCTCTTTTGGAGAACAAAGTTTCTTGTGAGCGTCTAAATCAGA  
T11e8-150 G17 AATGACAGACTTATCCGTTTCTTATCTATCGTAA  
T11e8-151 G18 GCCCAATACCCAGCTACAAATTTAAGAACCCG  
T11e8-154 H10 GGTATTAATCTTCTTATCATTTCAGGTGGCA  
2DJP-155 H11 CGGTATACAGTAGGCTTAAATGAATCAATA  
2DJP-156 H12 CAAGCAAGCGAGCATGTAGAAACCGAATCGC  
2DJP-157 H13 AATTACTAAACAACGCAACTGAATCCCATC  
2DJP-158 H14 TCATTAACGAAACAGAAAATAATATTAGGC  
2DJP-159 H15 AGGCGTATTTGAGCCGATTAATAAATAA  
2DJP-160 H16 TATAGAAAGCGCGCTTAAATGAATCAATA  
2DJP-161 H17 AATGGTTTCGCAAAAAGTAAAGTTGTCAGCT  
T11e8-162 H18 GAGGCGTTCGCAATAAACAACATAATCTGT  
2DJP-163 I10 ACGCTCAACAAATTTTACCAGTAGTGAATTT  
2DJP-164 I11 TTAAGAGCGATAGGTCTGAGAGATCATATCAT  
2DJP-165 I12 CATATTTAGAAAAGCCGTTTATGACTTTTT  
2DJP-166 I13 TAGAATCCGGCTTAGTGGGTAGGACTCAT  
2DJP-167 I14 AAGGCAATAAAGATAAACAACCTAATTA  
2DJP-168 I15 CTGTAATTTGCTGATGCAATCCAGATAAATA

Tile8-056	G8	TACCTTTAGATGGCTTAGAGCTTAAGCTATAT	2DJP-169	I16	TAAAGTACGAAATCCGACCGTGTATCGCAAG
Tile8-057	G9	TCAATTCFGGGCCGAGCTGAAAGAGGTC	2DJP-170	I17	AAATCAATCGCGAGAAACTTTTTCTAAATTT
2DJP-058	H1	TCAGGTCATTTAGCAATAAAGCCTCAGAGAATTAG	2DJP-171	I18	CCAGACGATTTTAAATTCATCTTCGACCAAAATATA
2DJP-059	H2	ATATAATGCATACAGCAAGCAAAAGCATAAA	2DJP-172	J10	ATCAAAATCGAGAAGAGTCAATACGGATTTC
Tile8-060	H3	GGTAGCTAGGTTGTACCAAAAACAAGCATAAA	2DJP-173	J11	CTTTTACACTTTGAATACCAAGTTCAGTTTAGA
Tile8-061	H4	CGAGTAGAAGCAATAATCTCTTTGGAGGAAAGTTCCTTTGTAGCCTCAGTTATGACC	2DJP-174	J12	TAACTCTCTGAAAACATAGAGTATCAAAATTT
Tile8-062	H5	ACCGTTCCTCTTTTCCGGGAGAGCAGAAATTAG	2DJP-175	J13	TTTAAAGCTGCGAATTTATTTCTTTTCCCTT
Tile8-063	H6	TCCGAAATCATACAGGTCCTCTTTGGAGGAAAGTTCCTTTGTCAAGGCAACTTTATTT	2DJP-176	J14	TATGTAAACGTCGCTTATTAATTTAAATTCCTT
Tile8-064	H7	AGACAGTCCGATAAAAATTTTAGTTAATCATC	2DJP-177	J15	ACAGAAATGAAGATGATGAARCAACCTTGCTT
Tile8-065	H8	TTTCATTTACTAATAGTAGTAGCAAAACCTCA	2DJP-178	J16	ACAAGAAATATGTGAGTGAATAAACATCAAG
2DJP-066	H9	AGGTAAGAAATGCAATGCCTGAGTAAAGCCA	2DJP-179	J17	AACCTACCATTAATTTACATTTAACAGGTACAT
2DJP-067	I1	ACCCGTCTCTTTTGGCCTGAGAGCTGGAAGGCTA	Tile8-180	J18	ACCCGTGCGCTTTTAAATGGAATAATTCAT
Tile8-068	I2	AATCGAGATTTTGGAGAGATCTACAGCAAAACA	2DJP-181	K10	CCTGATTTGTCGGGAGAAACAATACCCGCAAC
2DJP-069	I3	CTTTCATCGATGAACGGTAACTGCTCCGGAGAG	2DJP-182	K11	CGCAACTTTTAAAAAGTTTGGATTAACAGTAC
2DJP-070	I4	CTGTAATACGCTGATAAATTAATGAAAATAG	2DJP-183	K12	GCGCAGCAGATGAATATATACAGTACATTTATC
2DJP-071	I5	AAATAATTTTATATGTACCCCGGTGATATTC	2DJP-184	K13	GGATTTAGGAAACAAAACACCTTTTTCAGG
2DJP-072	I6	CACCGCAAAATCACCATCAATATTTGATTAATC	2DJP-185	K14	GAGCAAAAAGAAATTTGCGTGAAGAAGGAG
2DJP-073	I7	GCTCATTTCCCAAAAACAGGAAGAAAGCCGCG	2DJP-186	K15	ACCCGCTCCTCATATTTCTGATCACGTAAA
2DJP-074	I8	TATATTTTATCAAAAGGGTGAGATTGTATAA	2DJP-187	K16	AAAAACAAATATCAAAATTTATTTGTATCAGAT
2DJP-075	I9	GTAAAAATTTAAATTTGAAACGTTTAAATGTGT	2DJP-188	K17	AAGATAAATTCATCAATATTAATCCAGGGTTAG
Tile8-076	J1	TTGAATTTAGATCTCCCGTGGGACAGGATTAAC	2DJP-189	K18	TTGAATTTTACTCTGGAATAAGGATGATTGTT
2DJP-077	J2	AGAGAATCAACATTAATATGTGAGCAAAACGCGC	2DJP-190	L10	TTTAAATCGTAAATTTAAATCGTTTGAACAGT
2DJP-078	J3	CAGCTGGCATAATGGATAGTCAAGTACCCAG	2DJP-191	L11	CCCCGATTCGATGGCCCTACGTAAACAAAT
2DJP-079	J4	CATGTCAACCGCTCGGCCTCTCTGTTGGTGG	2DJP-192	L12	ATTTTGGGAGATTTAGACTTTACGAAACCATC
2DJP-080	J5	GGCGATCCGCGATCGTAACCGTCCGCCATCAA	2DJP-193	L13	GTAAGCACAAGTTTTTTGGGGTCAATTTTGA
2DJP-081	J6	AGAAAAGCTTTAAACCAATAGGAACATCTGCCA	2DJP-194	L14	CGGAATTAAGCAACAGTAGATAATAATACGTG
2DJP-082	J7	TTCCGCTGAGCAGCAGCAGATCTTTAATCA	2DJP-195	L15	ACCCCTCTAATATTTTGAATGGAATGATTA
2DJP-083	J8	GCAAAATTTCCGATTAATTTTGGGCCCTCAG	2DJP-196	L16	GATGGCAACAGAGTGGCCGCTTATTAGTCT
2DJP-084	J9	GCTTCTGGCACTCCAGCCAGCTTTAATATTTT	2DJP-197	L17	ATAAAGGGGCAACTGATAGCCCTACCAGCAG
2DJP-085	K1	CCAGCAGGTTTGGGTAAACCGAGGTTGCAAGCCG	Tile8-198	L18	CCAGCAGGAAATCCGAAACCCGAAACATC
2DJP-086	K2	GATTTGACCAAGGGGGATGCTCTTCCACGT	2DJP-199	M10	TATCAGGGTAGAGCTGACGGGGAAGAGCA
2DJP-087	K3	GAGTTCATGTAACAGCAAGCCATATTACGCG	2DJP-200	M11	ATGGTTGCGGGCTAGGGCGCTGGAAGGGAGC
2DJP-088	K4	TAGATGGGGTCCGGCCCTCTTCCGCTGCCAAG	2DJP-201	M12	ACCCAAATCTAAATCGGAACCTTCAAGTGTA
2DJP-089	K5	AGCTGATTTCTCGAGGTCGACTCTTGGGAAG	2DJP-202	M13	CGCGCTTAGTCCGCGTAACCCACCCATTCGA
2DJP-090	K6	GTTTGGAGTCCAGGCTCCGCACTTATGAGGATC	2DJP-203	M14	GCACAGACGACCTGAAAGCTAAGGAGGTGCC
2DJP-091	K7	GCATAAAGCCGAGCTCGAATTCGTAAGCGCCA	2DJP-204	M15	TATCCAGAACCTCATGGAATAGAGATAGA
2DJP-092	K8	GAGATCTGCTCCGGAACACAGGCAATCATGG	2DJP-205	M16	TTTATGCGACATTTGCGCCACTGCAACCTT
2DJP-093	K9	GCTCACAAGTTCTCTGTGTGAAATCCCGAACG	2DJP-206	M17	AGAAGAACCAATCGTCTGAAATGGGACAGTA
2DJP-094	L1	CGAAAATCCTGTTGGAGGTTTGGCC	2DJP-207	M18	GCCATTAATTTGATTTACCAGTCAACATTTATTA
2DJP-095	L2	CACGACGTTCCAGCGGTCACCGTTGGTGGTT	2DJP-208	N10	AGGGAGGCTTTGACGAGCACGATGCTAAACA
Tile7-096	L3	CCGAAATCGCAAAATCCCTTATACCCTGAGA	Tile7-209	N11	GGAGCCGATTAAGGGATTTTGGCGCTACT
2DJP-097	L4	CTTGCAATGGCCCTTCCGCCCTGGAATCAAAA	2DJP-210	N12	GCGGTCACATGCGCCCTACAGGCAACGAGAAC
Tile7-098	L5	GAATAGCCCGAGATAGGGTTGAGTCGGCAAC	Tile7-211	N13	GGTACGCCAGAACTCTGAGAAGTGACACCCGC
2DJP-099	L6	CCCGGGATGTAAGAGCCAGTGAGAGTTGTTC	2DJP-212	N14	ACAGGAAAACAATATTACCGCCAGTTTTTATA
Tile7-100	L7	AGTTTGGAAACAAGAGTCCACTATTAGCCGGAA	Tile7-213	N15	ATCAGTGAGGCCACCAGATGCAATAGGCTGTAA
2DJP-101	L8	TCAATGCTTTCCACACAATACGAAAGAACCTGGACTCC	2DJP-214	N16	TTGACGCTTCAAATTTGCGGCTTAGTCTGCT
Tile7-102	L9	GACGCTGCAAGCTCAAAGGGCGAATGTATCC	Tile7-215	N17	CATCACGCAAAATTAACCTGTGCTGAGT
Tile8-103	C10	GGTACGCTATAAGTATAGCCCGGCCAGAAAT	2DJP-216	N18	CATTGGCATTTTAGTAATAACACTCAATCTCTTTGATT
2DJP-104	C11	ACAAAACAAGCTCTCGAATTTACCCGTCGAG	2DJP-217	ML1	AATCGGCCAACCGCGGATTTGGGGCCAGGGTGGTTTTCTTTTCCAGCCAGCTGCATTAAT
Tile8-105	C12	ATCAGTAGAACCCAGCGGATAAGTGGTTCAG	2DJP-218	ML2	TCGGGAAACCTGTGCTGGGGCTTAATGAGTGGTAACTACATACCTAGCTGCCCCCTTCCAA
2DJP-106	C13	TGAGGCAGATACATGGCTTTGATCGGGGTTT	2DJP-219	MR1	TTGAAAGGAATGAGGAGCACTAAACAATAGATTAGAGCCGCTCAAGTGGCAAATCAACA
Tile8-107	C14	CATCACCCGAAGGATAGGATTTAGGATGACAG	2DJP-220	MR2	AATCAATATCTGGTATGCCACCTGAGCCAGCAGCAAAATGAAAACAATATCAAACTT
2DJP-108	C15	CACCCAGAGGTAATAAGGTTTAACTGTAGACT	Tile7-221	M9	TTTCTGTCGAGAAAGGAGGAAAGCCGCGC
Tile8-109	C16	CTTTGATTTGAAAGTATAAAGGGGGGTCAG	Tile7-222	N9	TAGAATCAGAGCGGGAACCTGTGCT
2DJP-110	C17	GCCACCAGCTAAGCTGCCCTGATCTATTATT	Tile8-223	F1	CCTAATTTAAAGCGGATTTGACATATTATAG
2DJP-111	C18	CTGCTATTTCGGCAACAACAGTT	Tile8-224	G19	CAAAATTTAGCGAACCTCCCGATTAGTTGCG
			Tile8-225	G20	GCAATAGCAAGCCTTAAATCAAGACTTTGGGGG
			Tile5-227	E1	TCAGAAGCTTTTTAATGAGATACATAAGAATAACCA
			Tile3-228	E2	CCAAATCAATCAGTTGAGATTAGCGCCAAA
			Tile3-230	F2	GGAATTCACGCTTTTACCTGACAAAAGATT

**Staple strands for Tile-9**

2DJP-001	A1	CAGCGAAATTTTACAACCATGCCCCAGTCCGCCGACAATGACA	2DJP-112	D10	GGAAGCGATAAATCCTCATTAAATCAAGTT
Tile9-002	A2	GGTGTAGTGGCTTGATACCGATAGTCAATACCG	2DJP-113	D11	AGCACCGTCCGTCAGACTGATGGGTGATATTC
2DJP-003	A3	AAAGGCCGGTCCGCTGAGGCTTGCCTGTAATTT	2DJP-114	D12	TAAAGCTCGTCAGACGATTTGGCTCGTTTTCA
Tile9-004	A4	CCACTATTTCCAGCTTGTCTCGAGTGGGATTT	2DJP-115	D13	CCGGAAACTTCGGTCTAGCCGCCACGAGGAT
2DJP-005	A5	ACGTTAGTAACCTTCAACAGTTTCTAATTTGTA	2DJP-116	D14	AGTGTACTCCGCCCGCAGCATTGATTATTAGC
Tile9-006	A6	AGGGCGAACTCCAAGGAGGCTTTAGCGGAGT	2DJP-117	D15	AATCAACATCTTTTATAATCAAAGAACACC
2DJP-007	A7	CGTAACGAAAGGAACAATCAAGATCTCCAA	2DJP-118	D16	TGCTTTGACCTCAGAGCCGCCACATCACCGG
Tile9-008	A8	GGCGCTGGTTTTTTCACGTTGAAAGAAATTCG	2DJP-119	D17	GACTTGAGCCACCACCGGAACTTACGACAGG
2DJP-009	B1	ATACGTAATTTTGCAGCATCGGAACGAAACCTCAG	2DJP-120	D18	AATGCCCTTTTACCCTCAGAACCCGCACTCCCTCA
2DJP-010	B2	ATATATTTCTTTTGGGGATCGTCGGGTAGCA	2DJP-121	E10	TGCTTTTAAATCAGTAGCAGACAACTTATG
2DJP-011	B3	TTTCATGAAGAGGCTTTGAGGACTAGGGATAG	2DJP-122	E11	ATACCCAACAGTATGTTAGCAAACTCGATAGC
2DJP-012	B4	TGCTAAACAATAAATTTCTGTAAAGGAGTT	2DJP-123	E12	TCGGCATTGTCACCAATGAAACAGTAAAGAA
2DJP-013	B5	CTCAGAGCATAGGAACCCATGTACTTTCCAG	2DJP-124	E13	GAAAGAAATAAGGTGGCAACAATATAGCAAGG
2DJP-014	B6	GAGAAATGCTAAAGTTTTGCTGCTGTAACAC	2DJP-125	E14	TTTTGCCAGTAGCACTTACCATTAAAGAA
2DJP-015	B7	CCCTCAGAGTCCAGGATCAAACTATAGTTAG	2DJP-126	E15	AAAAGTAAACCCACGGAATAGTCCAGCA
Tile9-016	B8	GATTTAGTCCACAGACAGCCCTCAACAACCTA	2DJP-127	E16	AACCAGGCCATTTGGGAATTGATTTATTTG
2DJP-017	C1	AGTAATCTTTTTCGCACTCAGAAAGCCAGGGTAAA	2DJP-128	E17	GCAATAGCAATAGAAAATTCATATCCGTCAAC
2DJP-018	C2	ACGGCTACGGAAGTTTCCATTAACAACCTA	2DJP-129	E18	GAGCCGCTAAAGGTGAATTTACGTTTACC
2DJP-019	C3	CCAGGCCGAGGCAAAAGATACAAAAGACTT	2DJP-130	E19	GCCCAATAGCAAAAAGGGCGACAGCCGAAA
2DJP-020	C4	CAAGCCCAACCCCTCATTTTCTTAAACCA	2DJP-131	E20	CCAAATCAAGGGAAGGTAATTTTCAACCC
2DJP-021	C5	CTTTGAAATGACCCCGAGGATTTCCCGCAC	2DJP-132	F10	TTTATACGAAGAATCGGCTGATTTACGCCAT
2DJP-022	C6	TGAGTTTCCACCCGACCTCAGAAATACCAAGC	2DJP-133	F11	CCTAATTTCCCAATCCAAATAGATAACGAT
2DJP-023	C7	ACGGTCAAAGTACAAACGAGATTTACCCGCA	2DJP-134	F12	TACATACACGAGGAAACGCAATTAACAGATT
2DJP-024	C8	TACTCAGGAGTTTATGTATCAT	2DJP-135	F13	TCTTACCAACCTCAAAAATGAAAAGTTACCA
2DJP-025	C9	GCTCCATGAAATTTGTGCAAAATCAATAGTGTATCCCG	2DJP-136	F14	ACGCAAGGGCAGATAGCCGAAACAATAGCAG
Tile9-026	D1	CATTCAACTTTTACAGAAACCGGATATCATCAAG	2DJP-137	F15	TATTTTGCAGAGAATAACATAAAATTTTAAAG
2DJP-027	D2	AAACGAAATAGGCTGGCTGACCTTTCAATTAC	2DJP-138	F16	TCACAATCTATCTTCCAGGAAACCCAGGGAA
2DJP-028	D3	AAAGATTTCCAGTACAAACGCTGCTGTACAGA	2DJP-139	F17	AGGTTTTGGACGGGAAATTAACATTAATAA
2DJP-029	D4	CTCATCTTGGAGACAGATGAACGGCATTCAGT	2DJP-140	F18	AGCGCAAAATAAGGACGAAGAACGAAACCC
2DJP-030	D5	ACGAACACTTCCGCTGACGAGAACTGACCAA	2DJP-141	F19	TTTTTGGGGTACAGGGTAAATTTGATGATTA
2DJP-031	D6	GCGAAACTCATAAAGGGAACCGAAACACAGA	2DJP-142	F20	ATTGAGGGGATAACCACAGAAATCCGCTAAT
2DJP-032	D7	GGAGCTGTAAATTTGGGCTTGAAGAGCGCAG	2DJP-143	G10	ATTTTGTAGCCAGTTCAAAAATTAACAAGAAC
2DJP-033	D8	CGCCTGATTTACTTAGCCGAAAGCTGGTTTTAA	2DJP-144	G11	ATCGGCTGACCAAGTACCGCACTTTCCAGAG
2DJP-034	D9	CGATTTTATTAATCATTTGTGAATTCGGGACCT	2DJP-145	G12	TTTTGTTTACGCTAACGAGCGCTCTATCAGAA

Tile3-035	E3	CAAAAATCGAGGCATAGTAAGAGCACAGGTAG	2DJP-146	G13	CTAATTTACCGTTTTTATTTTCATATCTCTGAA
Tile3-036	E4	GAATAAGGACGGAAACAACATTTAAACACTAT	2DJP-147	G14	CTTTACAGACCCAGCTACAATTTTCGTAGGAA
Tile3-037	E5	AAACAGTTTCGGTTTACAGAGCAGCTTAATAAA	2DJP-148	G15	TAGTCTCGCGCCCAATAGCAAGCTTAGTTGCG
Tile3-038	E6	ACGAGTAGGGAAGAAAATCTACGGATAAAA	2DJP-149	G16	GCGCATTAAGCGCTTAATACAGAAAATCAGA
Tile3-039	E7	TAAATTTGGAGAGGCTTTTGGCAACAGTCA	2DJP-150	G17	AATGCAGAGCTTATCCGGATTCTCTTCGGGG
Tile3-040	E8	TTTCAACTAGAACTGGCTCATTAATAAAGAGT	2DJP-151	G18	TGAACAAATAGCGAACCTCCCGAAAGAACCT
Tile3-041	E9	ACTGGATAGCGGGTAATAGTAAAAGAACTCC	2DJP-154	H10	GCGTATTAATCTTCCCTATCATCTTGATACCT
Tile9-042	F3	ATATAATGAGGCTTTACCTGACCCATAAAT	2DJP-155	H11	GCGTATACAGTAGGGCTTAATGTAATCAATA
Tile9-043	F4	CATAACCCAGAAAACAGAAATGATATATAG	2DJP-156	H12	CAAGCAAGCGAGCATGTAGAAAACAGAAATCGC
Tile9-044	F5	TTTTTGGCAAGCGGATCTCTTTTGGAGAACAGTTTCTGTGTGCATCAAAATGCTTT	2DJP-157	H13	AATTAATAACAACCGCAACATGTAATCCCATC
Tile9-045	F6	CCAAAATACATGTAATCCCTCAAAAAGATT	2DJP-158	H14	TCATTTACCGAACAGAAAATAATATTTAGGC
Tile9-046	F7	TACCTTTAGCCCAAGATCTCTTTTGGAGAACAGTTTCTGTGACTTCAAAAATCGTCA	2DJP-159	H15	AGGCGTATTTCGAGCAGCTAATAACATAGA
Tile9-047	F8	TTTTGCGAGCGTCAATCTCGGATATCGCG	2DJP-160	H16	TATAGAAGACGCGCTGTTTATCAAGAGAATA
Tile9-048	F9	GAAGCAACAGGCTTCAAAGCGAAATGTTAG	2DJP-161	H17	AATGGTTTCGCAAAAAGGTAAGGTGTTGAGCT
2DJP-049	G1	CAAAAATTTTGGATGGCTTAGAGCTTAAGAGGTCA	2DJP-162	H18	GAGGCGTTTTTCGCAAAATCAACATAAATCTGT
2DJP-050	G2	ATCAGAGAAATGCTCTTTGATAATGCTGTA	2DJP-163	I10	ACGCTCAACAAATTTTACAGTAGTGAATTT
Tile9-051	G3	CAATAAATCTGTAGCTCAACATGATTTGCTGA	2DJP-164	I11	TTAAGACGCATAGGCTGTAGAGACTATCATAT
Tile9-052	G4	TCAGAAGCGATGGCTTCTCTTTTGGAGAACAGTTTCTGTGAGACTTATTTAAATA	2DJP-165	I12	CATATTTAGAAAAGCTGTTTATGATCTTTT
Tile9-053	G5	TCAATTTCAAGTACGGTGTCTGGAAGAGGTCA	2DJP-166	I13	TAGAATCCGCGTTAGGTTGGGTTAGGAATCAT
Tile9-054	G6	AAGAGAAATTTGCTCTCTCTTTTGGAGAACAGTTTCTGTGTGATAAGTTTTCAT	2DJP-167	I14	AGAGGCATAATAAGAATAAACAACATAAATCTG
Tile9-055	G7	TTTCAATTTACAGTTGATTTCCCAATTTAGAGAG	2DJP-168	I15	CTGTAATTTGCTGATGCAAAATCCAGATAAATA
Tile9-056	G8	TTTTAATTTCTGACAGCTGAGGATTCGGAA	2DJP-169	I16	TAAAGTACGAAATACCGCAATTAACAGTAAAG
Tile9-057	G9	TCGCAAAATTTAGTTTACCATTACAGACCGC	2DJP-170	I17	AAATCAATCGCGAGAAAATTTTCTCAAATTT
2DJP-058	H1	TCAGGTCATTTTAGCAATAAAGCCTCAGAGAATTAG	2DJP-171	I18	CCAGCAGATTTTAAATTTTCACTTCTGACAAAATA
Tile9-059	H2	AGGTTTTGCATACAGCGCAAGCAAGCATATAAA	2DJP-172	J10	ATCAAAAATCTGAGAGAGTAAACACCTATACCTG
2DJP-060	H3	GGTAGCTAGGTTGATCAAAAACATTAACATC	2DJP-173	J11	CTTTTACACTTTGAAATACCAAGTTAGCTTAGA
2DJP-061	H4	TGCAACTCACTAATAGTAGTAGCATTAAGCC	2DJP-174	J12	TAACTCTCTTAAAACAATAGAGACTACAAAATC
2DJP-062	H5	ACCTTCTCTTTTGGCGSAGAGCAGGTGCGCA	2DJP-175	J13	TTTAACTGCGCAATTTATTCATTTCTTTCCCT
2DJP-063	H6	TCCATATAGAGCGCGAGCTGAAATTTATTT	2DJP-176	J14	TATGTAACGCTGCTTAAATTTAAATTTACTCT
2DJP-064	H7	AGACAGCTCGGATAAAAATTTTAGAGCTATAT	2DJP-177	J15	ACAGAAATGAAGATGATGAAACAACTTCTGCT
2DJP-065	H8	CGAGTAGAGGTCATAACCTGTTTAAACCTCA	2DJP-178	J16	ACAAAGAAATATGTGAGTGAATAAACATCAAG
2DJP-066	H9	AGGTAACCACTAATAGTACCTGAGTAAAGCCA	2DJP-179	J17	AACCTACCAATTAATACATTTTACCAGTACCT
Tile9-067	I1	TTTTAGTTTGGCTGAGAGCTGGAAGGCTA	2DJP-180	J18	TTTTAGTTTTTCTTTTAAATGAAAATTTTCAAT
2DJP-068	I2	GCTAAATCTTTTGGAGATCTACAGCAAAACA	2DJP-181	K10	CCTGATTTGCGGAGAAAACAATTAACCGCACCC
2DJP-069	I3	CTTTCACTCGATCAACGTAATCGTCCGAGAG	2DJP-182	K11	GCACAACTTTTAAAAGTTTGAAGTAAACAGTAC
2DJP-070	I4	CTGTAATAGCTGATAAATTAATGAAAACCTAG	2DJP-183	K12	GCGCAGCAGATGAATATACAGTACATTTCT
2DJP-071	I5	AAATAAATTTTCAATAGTACCCGGTATATTCA	2DJP-184	K13	GCGTATTAGGAAACAAAGAAACCTTTTCAGG
2DJP-072	I6	CAACGCAAAAATCACCATCAATATTGATAATC	2DJP-185	K14	GAGCAAAAAGAAATTTGCGTAGAAGAAGGAG
2DJP-073	I7	GCTCATTTCCCAAAAACAGGAAGAAAGCGCG	2DJP-186	K15	ACACCGCTCATCATATTTCTGATCAAGTAAA
2DJP-074	I8	TATATTTTATCAAAAGGGTGAAGTTGTATAA	2DJP-187	K16	AAAAAACAATAATCAAAATTTTGTATCAGAT
2DJP-075	I9	GTTAAAATTTAAATTTGAAACGTTTAAATGTT	2DJP-188	K17	AAGATAAATTCATCAATATAATCCAGGGTTAG
2DJP-076	J1	ATTAAGTTTTTTGATTTCCCGTGGGAACAGTAACA	2DJP-189	K18	TGTAATTTTACTTCTGTAATATGGATGATTGTT
2DJP-077	J2	AGAGAATCAACATTAATGTAGCAAAACGGCG	2DJP-190	L10	TTATTAATCGTATTAATCTTTGAAACCGTCT
2DJP-078	J3	CAGCTGGCTTAATGGATAGTCAAGTACCCAG	2DJP-191	L11	CCCCGATTCGATGGCCCACTACGTAACAAAT
2DJP-079	J4	CATGTCACCGCTCTGGCTCTCTCGTTGGTG	2DJP-192	L12	ATTTTGGCAAGTATTAGACTTTTACGAACCTC
2DJP-080	J5	GGCGATCGCGCATGTAACCGTCCGCCATCAA	2DJP-193	L13	GTAAGCAACAAGTTTTTGGGGTCAATTTGA
2DJP-081	J6	AGAAAAGCTTTAACCAATAGGAACATCTGCCA	2DJP-194	L14	CGGAATTTAGCAACAGTAGATAAATAACGTCG
2DJP-082	J7	TTCCGCTAGGACGACAGTATCTTAAATCA	2DJP-195	L15	ACCTTCTAATATTTTGAATGGCCAGTATTA
2DJP-083	J8	GCAAAATTTCCGATTAATTTTGGGCTCAG	2DJP-196	L16	GATGCGAAAACAGAGGTGAGGCGGTTATTAGTC
2DJP-084	J9	GCTTCTGGCACTCCAGCCAGCTTAAATATTT	2DJP-197	L17	ATAAAAAGGGCAACTGATAGCCCTACAGCAG
Tile9-085	K1	TGGATTTAGGGTAACCGCAGGGTTGCAAGGCG	2DJP-198	L18	TGGATTTTAAATACCGAACGAAACAAAACATC
2DJP-086	K2	GATTGACCAAAAGGGGGTGTCTTCCCAAT	2DJP-199	M10	TATCAGGCTAGAGCTTACCGGGGAAAAGCCGA
2DJP-087	K3	GAGTTGCATGTAAAAACGACCGCCATTTACGC	2DJP-200	M11	ATGGTTGCGCGCTAGGCGGTGGAAGGAGC
2DJP-088	K4	TAGATGGGTGCGGCGCTCTTCCGCTGCCAAG	2DJP-201	M12	ACCCAAATCTAAATCGGAACCTCAAGTGTATA
2DJP-089	K5	AGCTGATTTCTCAGGCTGACTCTTTGGGAAAG	2DJP-202	M13	CGCGCTTAGCTGCGCGTAAACCCCAATTTGCA
2DJP-090	K6	GTTTGAAGTCAAGCTGCGCACTGAGAGGATC	2DJP-203	M14	GCACAGCAGCACTGAAAGCGTAAAGGAGTCC
2DJP-091	K7	GCATAAAGCCGAGCTCGAATTCGTAAGCGCCA	2DJP-204	M15	TATCCAGAAACGCTCATGGAATAGAGATAGA
2DJP-092	K8	GAAGATCGTGCCGAAACAGGCAAAATCATGG	2DJP-205	M16	TTTAATGCGACATTTCCGCGCAACACTTACAT
2DJP-093	K9	GCTCAACAAGTTCTCTGTGTAATTTCCGAAACG	2DJP-206	M17	AGAAGAACCAATCGCTGAAATGGGACCGATA
2DJP-094	L1	CGAAAATCTGTTGAGGTTTGGCC	2DJP-207	M18	GCCATTAATTTGATTTCCAGCTACACATTTATA
2DJP-095	L2	CACGACGTCGCAAGCGTCCACGCTTGTGGTT	2DJP-208	N10	AAGGAGCGTTTACGAGCAGCTATGCTAACA
Tile7-096	L3	CCGAAATCGGCAAAATCCCTTATACCTGAGA	Tile7-209	N11	GGAGGCGGATTAAGGGATTTTAGCGCTACT
2DJP-097	L4	CTTGCATGGCCCTTACCCGCTGGAATCATGG	2DJP-210	N12	GCGGTCACTGCGCGCTACAGGGACAGGAACT
Tile7-098	L5	GAATAGCCCGAGATAGGTTGAGTGGGCAAC	Tile7-211	N13	GGTACGCCAGAATCCTGAGAAAGTACACCCGC
2DJP-099	L6	CCCGGATATGTAAGCCAGCTGAGAGTTGTTCC	2DJP-212	N14	ACAGGAAAACAATATTAACCGCGATTTTATA
Tile7-100	L7	AGTTTGGAAACAGAGTCCACTATTAGCCGGAA	Tile7-213	N15	ATCAGTAGGACCCAGGTAAGAAAGCTGTTAA
2DJP-101	L8	TCATAGCTTTCCACACAACATACGAAAGAACGTTGACTCC	2DJP-214	N16	TTGACGCTTCAAATCTCGGCTTAGTCTGCT
Tile7-102	L9	GAACGTCGAACTCAAAGGGCGAATGTTATCC	Tile7-215	N17	CATCACGCAAAATTAACCGTGTAGGCTGAGT
Tile9-103	C10	GAGAAGTGTAAAGTATAGCCCGGCGCAAGAT	2DJP-216	N18	CATTTGCGATTTTAGTAATAACTCACTTCAATCTTCTT
2DJP-104	C11	ACAACAACAGTCTCTGAATTTACCCGTCGAG	2DJP-217	ML1	AATCGGCCAACGCGGATTTGGCGCCAGGGTGGTTTTCTTTTACGCCAGCTGCATTAAT
Tile9-105	C12	AGTAAAAGACAGCGGATAAGTGGCTTCCAG	2DJP-218	ML2	TCCGAAACCTGCTGTTGGGTGCTAATAGTAGTAACTCACTCACTGCTCCCGCTTTCCAA
2DJP-106	C13	TGAGGCGAGATACATGGCTTTGATCGGGGTTT	2DJP-219	MR1	TTGAAAGGAATTAGGAGCACTAACAATAATAGATTAGAGCCGCTCAAGTTGGCAATCAACA
Tile9-107	C14	CGTTGTAGGAAGATTAGGATTAGGATACAGG	2DJP-220	MR2	AATCAATATCTGGTCACTCCACCTGAGAGCCAGCAAAATGAAAAAATAATCAACCCCT
2DJP-108	C15	CACCAGAGGGTAATAGTTTAACTGAGACT	Tile7-221	M9	TTCTCTGTCGAGAAAAGGAGGAAAAGCGGCG
Tile9-109	C16	CATCAGCTTTGAAAGTATTAAGAGGGGGTCCAG	Tile7-222	N9	TAGAATCAGAGCGGAAACGTTGCT
2DJP-110	C17	GCCACCACTGTAACAGTCCCTGATCTATTATT	Tile9-223	E1	AAAAGTAAATATGCAGATACATAAGAAATACCA
2DJP-111	C18	CTGCTTATTTCCGAACAACAGTT	Tile3-228	E2	CCAAATCAATCAGTTGAGATTAGGCGCAAAA

For displaying the alphabet letters on the corresponding DNA jigsaw piece monomers, reported hairpin sequence 5'-TCCTCTTTGAGGAAACAAGTTTCTTGT-3' (Nature, 2006, 440, 297) was added to the center of the sequence of the following staple

Tile No.	Letters	Positions of hairpin-incorporated staple strands
1	D	D8, F8, H8, J8, D10, E12, F14, H14, I12, J10
2	N	D6, E8, F6, H6, J6, D14, F14, G10, H14, I12, J14
3	A	E9, G8, H7, H9, J6, D10, E11, G12, H11, H13, J14
4	J	D9, J7, K9, D11, D13, F11, H11, J11
5	I	D9, J9, D11, D13, F11, H11, J11, J13
6	G	E8, F7, H7, J8, D10, D13, H10, H12, H14, J14, K10, K12
7	S	D8, E7, G8, J8, D10, D12, G10, G12, H13, J10, J12
8	A	E9, G8, H7, H9, J6, D10, E11, G12, H11, H13, J14
9	W	E6, G6, H9, I6, J8, E14, G10, G14, H11, I14, J12