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DAO-E system strands:

Rule tile strands.

  R00_1    (26-mer,  255580 /M/cm @ 260nm) : TCACTCTACCGCACCAGAATGGAGAT
  R00_2    (48-mer,  460620 /M/cm @ 260nm) : CATTCTGGACGCCATAAGATAGCACCTCGACTCATTTGCCTGCGGTAG
  R00_3    (48-mer,  477220 /M/cm @ 260nm) : CAGTAGCCTGCTATCTTATGGCGTGGCAAATGAGTCGAGGACGGATCG
  R00_4    (26-mer,  248640 /M/cm @ 260nm) : TCACTCGATCCGTGGCTACTGGAGAT

  S00_1    (26-mer,  254080 /M/cm @ 260nm) : AGTGAGGCAATCCACAACCGCATCTC
  S00_2    (48-mer,  465300 /M/cm @ 260nm) : GCGGTTGTCCAACTTACCAGATCCACAAGCCGACGTTACAGGATTGCC
  S00_3    (48-mer,  456880 /M/cm @ 260nm) : GCTCTACAGGATCTGGTAAGTTGGTGTAACGTCGGCTTGTCCGTTCGC
  S00_4    (26-mer,  266060 /M/cm @ 260nm) : AGTGAGCGAACGGTGTAGAGCATCTC

  R11_1    (26-mer,  235900 /M/cm @ 260nm) : TCACTCAAACGCACCACTCTGTCTTG
  R11_2    (48-mer,  472980 /M/cm @ 260nm) : CAGAGTGGACGAAAGCTCACGGCACCAAGTATCAGGTTCCTGCGTTTG
  R11_3    (48-mer,  458120 /M/cm @ 260nm) : CTGTAGCCTGCCGTGAGCTTTCGTGGAACCTGATACTTGGACGAGTTG
  R11_4    (26-mer,  240840 /M/cm @ 260nm) : TCACTCAACTCGTGGCTACAGTCTTG

  S11_1    (26-mer,  244160 /M/cm @ 260nm) : GTATGGCTCGGCACCTCAAACATCTC
  S11_2    (48-mer,  474920 /M/cm @ 260nm) : GTTTGAGGACGCTATGAACATCCACCTAAGCAGAGACACCTGCCGAGC
  S11_3    (48-mer,  465880 /M/cm @ 260nm) : CGAGTACCTGGATGTTCATAGCGTGGTGTCTCTGCTTAGGACGAATGC
  S11_4    (26-mer,  248380 /M/cm @ 260nm) : GTATGGCATTCGTGGTACTCGATCTC

  R01n_1   (26-mer,  261440 /M/cm @ 260nm) : CATACCGTTGGCACCGAAAGCGAGAT
  R01n_2   (48-mer,  442820 /M/cm @ 260nm) : GCTTTCGGACTCGATCTCCAGACACCTACTGCGGTTCACCTGCCAACG
  R01n_2JC (70-mer,  640400 /M/cm @ 260nm) : GCTTTCGGACTCGATCTCCGCTGCTTTTGCAGCGGATTTCCAGACACCTACTGCGGTTCACCTGCCAACG
  R01n_3JC (70-mer,  671480 /M/cm @ 260nm) : CGATGACCTGTCTGGAGCTACCGCTTTTGCGGTAGCTTGATCGAGTGGTGAACCGCAGTAGGACGCCTCG
  R01n_3   (48-mer,  473220 /M/cm @ 260nm) : CGATGACCTGTCTGGAGATCGAGTGGTGAACCGCAGTAGGACGCCTCG
  R01n_4   (26-mer,  248740 /M/cm @ 260nm) : CATACCGAGGCGTGGTCATCGTCTTG

  S01_1    (26-mer,  272900 /M/cm @ 260nm) : AGTGAGAACGACCACATCATCCAAGA
  S01_2    (48-mer,  456960 /M/cm @ 260nm) : GATGATGTCCTTGTAAACTTCGCCACTCTAATCGCAATCAGGTCGTTC
  S01_2JC  (70-mer,  655520 /M/cm @ 260nm) : GATGATGTCCTTGTAACGCTCTGCTTTTGCGAGCGTTACTTCGCCACTCTAATCGCAATCAGGTCGTTC
  S01_3JC  (70-mer,  702640 /M/cm @ 260nm) : GAGCAACAGGCGAAGTCTCCATCGTTTTCGATGGAGTTTTACAAGGTGATTGCGATTAGAGTCCGTAAGC
  S01_3    (48-mer,  496340 /M/cm @ 260nm) : GAGCAACAGGCGAAGTTTACAAGGTGATTGCGATTAGAGTCCGTAAGC
  S01_4    (26-mer,  254480 /M/cm @ 260nm) : GTATGGCTTACGGTGTTGCTCCAAGA

Cap and input tile strands for use with R-type nucleating strands.

  cpBr1    (37-mer,  387260 /M/cm @ 260nm) : GTTGATGGAGTATAGTGTATTGGATGAAATGTTATGT
  A1S      (37-mer,  356120 /M/cm @ 260nm) : TCACTGCTGAAGGCAGAGGACTGTGCTGGACTTGGTC
  A2       (28-mer,  268000 /M/cm @ 260nm) : TGGTAATGTAAGGACCTCTGCCTTCAGC
  A4SV     (26-mer,  267800 /M/cm @ 260nm) : CATACGACCAAGTGGATTTGTAGGAT
  A4_S00   (26-mer,  261380 /M/cm @ 260nm) : TCACTGACCAAGTGGATTTGTAGGAT
  A3_nick  (20-mer,  203520 /M/cm @ 260nm) : GGTTGAATGACCAGCACAGT

Splint strands for making nucleating strands with assembly PCR.

  Sp1A     (40-mer,  422100 /M/cm @ 260nm) : TGAATGAGGATTTGTAGGATGTTGATGGAGTATAGTGTAT
  SpA1     (40-mer,  421860 /M/cm @ 260nm) : TATTGGATGAAATGTTATGTTGGTAATGTAAGGAGGTTGA
  Br1      (37-mer,  365600 /M/cm @ 260nm) : ACATAACATTTCATCCAATACACTATACTCCATCAAC
  A5       (37-mer,  350140 /M/cm @ 260nm) : ATCCTACAAATCCTCATTCAACCTCCTTACATTACCA
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Figure S6: DAO-E sequences.