

Name	sequence	length	colour
core_39_35	TCTGAAATCAGTGCCAACTTT	21	
core_57_63	GCCAACAAATTACTAGAAAAA	21	
core_29_35	TTTGAAAGAGGACATAAGGCT	21	
core_10_97	GGCAAAGTGTGAAACCTTGAA	21	
core_9_42	TTTTCCCTATTTAAGTCATTG	21	
core_65_42	AATATAACAAAGAAAATTTTC	21	
core_34_55	TCAGCTTAGCGTTTCACCACC	21	
core_38_62	CCCGGAAAGGGATATAGCGTA	21	
core_75_49	GAGCACGGCAAGTAAAATCGG	21	
core_37_70	CAATAGGTGATATATCAAGAG	21	
core_12_102	AGTAACAACCCGTCGATTGTAGCCA	26	
core_12_55	GTAATGGGCCTCAGAGGGCGATCGGTGC	28	
core_10_76	CAGGCTGCATGGTCTCACATAAATCATT	28	
core_28_69	CAAAGCTGAACTGGAAATTAAGCGCGAG	28	
core_13_49	AACGCCAAAGCAAAAGTCACGACGTTGT	28	
core_59_56	CTTCTGACCTCCGGCAGCTGGTTGAAA	28	
core_22_83	AAGCCCGTTAATTGACTAACGGAACAAC	28	
core_69_42	GCCTGCACATTAATAATCCCTCGATGGC	28	
core_0_41	CCACTACGATTAGTAATGGATTATTAC	28	
core_58_41	ATATGCGATATATTTATAACTTAACACC	28	
core_54_76	CACTCATAACCTCCCAGCACGCAAAAT	28	
core_26_97	CGTTAATAAAACGACTGAATAAACTAAA	28	
core_57_19	CGCTCAACAGTAGGGCTTCAGCTAGCCATA	30	
core_0_102	ACTATTAAGAACGTGGACCTTGACGGGGAAAG	33	
core_61_77	GCTTAGATTTAAAACAATTCGACAACTCGTATT	33	
core_6_62	TCTCCGACTCGAATGGGGTGCCTAATGATTAATGA	35	
core_53_63	TTTAGCGCGAGAACCTGAGGCCAACGGCTAAAACA	35	
core_42_48	CTCAGAGATATTTCAAACGGGGCATGAAAATCACCG	35	
core_54_41	ATCGTAGAATATCCCAACATGTTAATTGGAACAG	35	
core_28_55	CAGTGAAGATGAACCGCGACCTGCTCCAGGCATAG	35	
core_20_83	GTACGGTGGTGGCAGCAAAGAATTTTAAATGCAAT	35	
core_12_76	GGAACAAAGCCAGCTTCCGGAGCGAAAGAATCAG	35	
core_33_56	TCGGTTCGAAGCAAGAGCATGTTGTCCAGTAACAAC	35	
core_71_63	TTCTGACACCTACAAGAAGAAAAGTGTGCTTTTC	35	
core_68_55	GGAATTGAGGATTTTGCGGAATCCTGATTTAGGT	35	
core_45_35	CGTCAACCATTCAAAACGTAGGCAATAACAAGAAT	35	
core_48_97	TTTAAGAAAAGTAAAGACACCAGATTAGTTGCTAT	35	
core_51_77	GTCAAAAATAAAAATTCATTAACAGATAATGGA	35	
core_58_83	AACACCGGAATCATTGTAATTAGGTAAAGTTTAAAC	35	
core_31_49	GCAAAAAGAACTACTACAGAGGCTTTGAGATATAT	35	
core_41_77	AATGGAACCACTTCCACGGTCGATAGCGACTTG	35	
core_64_48	TTAACGTCAAGTTATTTAATGAGAATCGTAGTATC	35	
core_38_83	AGAGGGTAACCCATTCCACAGTTGACCCCGGAACG	35	
core_38_41	TACTCAGAGAGCCATGTCGTCCTAAAACAGACTTT	35	
core_59_70	TTAATGGTTTGAATCTGAGAATGAAAATGGTCAG	35	
core_23_77	CCCTGACAGAAGTTTACCAGATCATCGCGGCTGGC	35	
core_19_70	CTGAAAAGTCTGGATTAGAGCAAAGACTGTCTTTA	35	
core_27_77	TACCAGTCCAAATCCCCTGCCACGCATTATAGCTG	35	
core_25_49	TAAGAGCAACACTACGAAATCGGTGTACAGACCAG	35	

core_71_42	TGGCCAACGTCTGAAATAACAGGCCACCCCTTTGAC	35
core_16_62	ACCATCAGTCTGGAATTGTATTCAAAAAATTGACC	35
core_34_41	AGGTGAAGCCCACGCATAACCGGACTAAGAAAGAG	35
core_48_48	AGGAAACAAAATACATCTTACTATTCTATATTTTC	35
core_62_34	TACATAAATTGCTTTGAATACCAGATGAATTCATC	35
core_6_27	TAAACAGCGCTTCTAATCTATACGAGAAGACCAAC	35
core_28_97	CGGATATTCATTACCAGGACGAGGCAAGTCAATTC	35
core_77_42	AAGCACTTAGCGGTAGTATCGGATAGGTCAATAGG	35
core_31_70	CTCATCTACAGCCCAGGAACAATACAGGAAGCCAG	35
core_45_77	CACCAGTAAAAATTAACGCAAGCAGATAAAATAGC	35
core_68_97	CCTCAATCAATATCATCTAAATATTAGTTGTTGTT	35
core_49_42	TGAGTAACTGAACTCCCAATCAATAACATCCTA	35
core_52_34	AACGAGCGTTAGCACCGATTGAGGGAGGGAAGGTAATA	39
core_11_16	ATCTGCCAGTTTGAGGGGATTCGCTATAAAGACTAATGAG	40
core_64_95	TATTTGCACGTAACCTGAGACAAAATAGCATTAAAGAATA	40
core_28_41	TGCCCTGTTACGCTGTTGGTGGGAGGATAAECTACTGCCGTA	42
core_61_35	ATTAATTACCACCAAGATAATACATTTGAGGAAGGTATCTA	42
core_75_70	CTCGTTAGGAGCGGCCCCGAAAAGTGTGGGGAGAGGCGGTT	42
core_39_77	AAGGATTTTTGATGACTAAAGAAAAGGAGAGTTAAAGTACCG	42
core_6_90	TCGGCTGATCTGTATCTAAGTGGTTGTGTGCCAAGCGCCATT	42
core_74_83	GCCAGAATCCTGAGCTCAAACCTCAAAGGGAGATAGGCCCTTC	42
core_27_42	AATTACCTTATGCGAAGATTTCATCAGTTTGATAATGATTCC	42
core_49_84	AATAGCTGAATAACATGAAAAAAGTACTGTCTTTCCTTATC	42
core_15_49	CCTGAGAATATGATAGGATAAAGCCTCAGAGCATATTAGCTA	42
core_46_55	AGACAAAAGGGCGAGACTTGAAAGTTTGCCTTATTGCTTTTCG	42
core_65_84	AGGGTTATATTAATTTAAGACGCTGAGACAAGAAACAAAAGA	42
core_60_48	TGGGTTATTAGTTATGCAGCAAGCTGCAGTGAGCTCCCCGGG	42
core_61_49	CCTTAGATACCTTTCAAATCAGAATTAAGCCCAAGAAACCG	42
core_29_70	GCGCATACTGATAAATTGTGTTCCATAACCCTCGTTTTGCCAG	42
core_75_84	AGCGGGAGCTAAACAAGGAAGGAAGAACACCGCTTCTGGTG	42
core_29_84	TGACCTTCATCAAGAACGGAGATTTGTACGACGATAAAAACC	42
core_25_21	TAACGCCAAAAGGATCCAATACACCCTCGAGGTTTCTATTAT	42
core_30_34	TAGCCGGCACCAACTTTCCAGTGCTAAACTTGAGTGACGATT	42
core_41_35	GGCCTTGCCGCCACATAGCCCCCTTTAGTATCCGCAACGCT	42
core_20_41	CAATTCTAACCTGTAAGCTAATTTATTTAATTGTCGCCAGGG	42
core_53_84	CGGGAGGTAACCAAGGCCGCACAGCATCCAGCGATTATACC	42
core_58_55	GCCTGTTCCATATTACGACGACCAAATAATCCTGAATACATA	42
core_3_35	TCGTGCCAGCGGTCCACGCTGTTTTCAATTATACAAATCTTAC	44
core_19_16	CATTTGCAAATGGTCAATGCGAACGTTTAATTACCAGACAAAACAGT	47
core_15_35	CTATCAGATTGTAATTTTAACCACGTTGGTGTAGATGGGCGCATCGT	47
core_5_84	TTTCTGCGCCATTTCTCTAATCAGCGGTAATCGTAAAACACTGC	47
core_68_34	AAATATCCGTCAATGAAGGAGGATGGCAATATACAGTAACAGTACCT	47
core_71_16	CACGACCAGTAATAAAAGGAACGAACACTCAGTATATGTACGTCGCT	47
core_2_69	ACCGCTAACGCGCAAAGCCTTCGTAATCGCAACTGTTGGGAGAAGATC	49
core_51_35	TTATTTAACCTGAACAAAGTTAACCCATAACGGAATACCCAAAAGAAC	49
core_32_76	AGGGTAGTTGCAGGGCCTTTAATTGTATAATAGAATCATAGTGCAAGCC	49
core_35_42	CAACAGTAAAGTTTCCACCCTTAGACTGGATAGCGATTACGATGTTACT	49
core_2_83	GCTGATTGGTTGAGCTTTAATGCGCGAAGCAGCAAGACTACCAGCGATA	49
core_34_90	AGGCTCCGAATTCGCTAGCATGTACCGTTTGCAAATATTATAGTCAGAA	49
core_16_41	CGTTCTAGCTGATAAGAAGCCATCGGTTCTTTAATTAGGAATACCACAT	49

core_19_49	TATTTTCTAACAGTGAGGTCATTAATTCTGACCATAAATCAAATAGTA	49	
core_74_34	AGAGTCTCTTTTGTGAACCTCCGAAATCGGCAAATACGGGACATTC	49	
core_52_76	TTTGACCCAGCTACAATTTTAGAAACGATTTTTTGTAAATCAGAAACC	49	
core_10_41	GGGCTCCGACGACCACGCTGCGCGTAAGTCGAGGATTAATTAACCTG	49	
core_43_70	ATCAAAACAGAACCGCCACCCCTCATTAAGGTACAGACTCCAGTATAG	49	
core_72_27	ATTGGCAAGCAATAGTCCATCACAGGGCGCTACTATGGTTGGAGTAAA	49	
core_55_70	AATCAATAATCGGCCGACAAATAGCAGTAATTACATTTAACAATTTCA	49	
core_3_84	TGCGTATCGAGCCGGAAGCATTTTAGAGTCCAACGTATCGGCACGCTCA	49	
core_16_97	TCAAAGGGTGAGAAAGGCGCGATGAAAAAGCCCTTCTCTCCGTG	49	
core_55_49	ATTTACGCCGTTTTAGAACGCCAGAATCGCCATTTGGGAATTGCGCAA	49	
core_8_55	TGTCCTTGAGTGACTCTATGATACCGACGCGCACGTAGAACCTCAAATC	49	
core_72_76	TGGAATCTGAAAGCGTAAGAATACGTGAGAAAACCTTGTGACGGTAC	49	
core_3_56	ATCGGCCGGCCCTGCAAAGAATAGCCCGGAAAAAGGGAGGCGCTAG	49	
core_13_16	TTTGTTAAATCAGCTCATTACGTTAAGGGTAACAACCTTATGACAATGT	49	
core_5_49	TACCGAGACTCTGACCTCTGCGCCCTGAGTGTGCAACGCAATTC AAC	49	
core_23_35	TCAGAAAACGAGAAGAGCTTCAAAGCGAGCTCCTTTGAGATTCATTGTG	49	
core_68_76	TTGGCAATTACAAAGTTTGAGTTCTGAAATAAAGAAATTGCGGCGAAT	49	
core_32_34	TTTCATGAAACCATCTTTCTTATTCCGGTCCAGAACCACCAGAGCCGC	49	
core_55_13	ATAAGTCTGAACAAGAAAAATGAATCATGAAGGCTCGTCAGATTATCAC	50	
helper_84_60	AAAAAGAGGCTGTGTAATGAGTGAGCGGTTTA	33	
helper_85_65	AAAAATTTACCAAGAGCCAGTAATCATTTTCATA	33	
helper_82_60	AAAAATAAATCTCAGAGCGCCATCTGTAGCGAGAGGCGT	40	
helper_89_58	AAAAATTCATAAATTTGGGGCAATAAAAAATTTACTTAAG	40	
helper_83_65	AAAAAAAAGTTACCAGAAGTAATAAGAGCAAGAGCGCATT	40	
helper_87_58	AAAAATCGGTTTTTTTCCAGGTAGATTTTAAGCTCATT	40	
helper_80_67	AAAAAATTATACTAACATTAACATTTTTTAACCTAAAT	40	
helper_86_74	AAAAAGAGAATGAGACAGCTCATATATTAGCACTCATT A	40	
helper_81_51	AAAAAGCTCAATCAGAGATACATCGCACAGTGCCTTAGGT	40	
helper_79_51	AAAAATCAGTGATCACTTGATCAGGGTATAAATAGAGATTTTCAT	47	
helper_88_74	AAAAACGTCTGGCCAAAACGCCAGAATTCATAGTGCGGAACGTAA	47	
helper_78_67	AAAAATTAGACTATCAACAAGAGCCACTGATAGCCCTAAAAGAACC	47	
anchor_24_69	AGGGGGTAAATCAGTCAAATATTTTGTGCGCGCATCGCCATCCGCG	47	
anchor_76_62	GGCGCTGTATAACGTTTATAATTTTGTGCGCGCATCGCCATCCGCG	47	
anchor_9_63	AAAACGACAGGAAGGCAAACATTTTTGTGCGCGCATCGCCATCCGCG	47	
anchor_26_69	ATTATTAGGATGGCAGTTTCATTTTTGTGCGCGCATCGCCATCCGCG	47	
anchor_11_63	GCACTCCACGGCGGTAATTCGTTTTTGTGCGCGCATCGCCATCCGCG	47	
anchor_24_55	AAATGTTCAATTTCTAGGTGTGTAATTTTTGTGCGCGCATCGCCATCCGCG	54	
anchor_77_56	AACCCTAACGTCCTGAGTTTTGACTTTTTGTGCGCGCATCGCCATCCGCG	54	
anchor_62_62	TTTGAATATCCTTGATCATTTAGAAGTATTTTTGTGCGCGCATCGCCATCCGCG	54	
anchor_36_55	ACGATCTTCAGCGAAGTTTTCAAACAATTTTTGTGCGCGCATCGCCATCCGCG	54	
anchor_50_62	AGACGGGGCGCAGAGTAGATTTGTTGGTTTTTGTGCGCGCATCGCCATCCGCG	54	
anchor_47_56	AAGGTGGCAACATATAAAGACATATGTTTTTGTGCGCGCATCGCCATCCGCG	54	
anchor_63_70	TATTCATCAGGGAAAACAATGGCCGAACTTTTTGTGCGCGCATCGCCATCCGCG	54	
edge_1_91	CCAGTTTTGAGACGGGCAACA	21	
edge_72_104	CCAGCCATTGCAACGCACAGA	21	
edge_32_97	GCGAAAGTTTTGCGAAAAAAA	21	
edge_17_91	GCCTGAGATCATACTGGGAA	21	
edge_49_16	ATATCAGAGAGACAGGGTAATT	24	
edge_53_16	AAATCAGATATATACCGCGCCAA	24	
edge_17_16	TACTTTTGGGGAATTAATGCCGG	24	

edge_35_16	TGTATGGGATTTACGTTAGTAAAT	24	
edge_1_16	TTTGATGGTGGTATCACCCAAATC	24	
edge_21_16	TTAGAGAGTACCAGTAGATTTAGT	24	
edge_65_16	TGATTATCAGATCGGAATTATCAT	24	
edge_4_102	CCACACAACATATGGGCGCCAGGG	24	
edge_77_16	AAGTTTTTTGGGCCACCACACCCG	24	
edge_47_14	TTATTACGCAGTATGTCITTCCAGAG	26	
edge_51_16	TACAAAATAACAATGCAGAACGCGCC	27	
edge_24_97	GAGGCTTAACACTGGATAAGTGCCGTCG	28	
edge_74_104	GATTTTAGACAGGAGTAATATCCAGAAC	28	
edge_42_97	CTCCCTCAGAGCCGAGCGCAGTCTCTGA	28	
edge_63_12	ATAACGGATTGCGCTGATCAATATATGT	28	
edge_39_11	CCTGCCTATTTGGAACAGTACCGCCACC	29	
edge_37_16	CCTCAGAACCGCTGCGGAATCGTCATAAA	30	
edge_29_16	GGGAACCGAACTACACCAGAACGAGTAGTA	30	
edge_23_10	ATCCCCCTCAAATGCTTTGGAAGCAAAC	30	
edge_61_16	GCTTCTGTAATAATGCTGATGCAAATCCA	30	
edge_33_16	GACAATGACAACGGAAGTTTCCATTAAACG	30	
edge_27_10	GAGATGGTTTAATTTCAAGTACCAAAAACA	30	
edge_59_10	AAAGAACGCGAGAAAAGTGTGCCCCAGC	30	
edge_31_10	GTAATGCCACTACGAAGGAACGAGGCGCAG	30	
edge_46_97	TGTCACAATCAATAAGCACCATTACCATTAGC	32	
edge_44_101	ACGTACCAATGAAACCAAACAGAGCCACCA	32	
edge_41_11	GAGGTTGAGGCAGGTCAAACAGTGCCCGTATAAA	34	
edge_19_91	TACTAATAATATGCTAATGCTAAAAGATTAAGAGG	35	
edge_9_12	GCAAGGCGATTAAGTTTATTTGGAGATCTACAAGG	37	
edge_67_16	ATAGATTAGAGCTTTAGGAGAGGCGGCACCAGCAGAAG	38	
edge_13_91	GCTTTCACGGTTGAAGGAGAAATGTTCTAGCAACTCGTCG	40	
edge_3_16	TTTCCAGTCGGGCGTTGCACCTCGATTACGCCAGCTGGCGA	42	
edge_36_97	AACGCTGAATAATCGTCATACATGGCTAGGATTAGCGGGGT	42	
edge_70_97	GAATGGCGCATCACATCAAATCATAGGTACCGACCGTGTGA	42	
edge_45_10	TTATTCATTAAGGTGAACTGTAGCCGGCATTAAACAGCTTGATA	44	
no_hang_24_69	AGGGGGTAAATCAGTCAAATA	21	
no_hang_76_62	GGCGCTGTATAACGTTTATAA	21	
no_hang_9_63	AAAACGACAGGAAGGCAAACA	21	
no_hang_26_69	ATTATTAGGATGGCAGTTTCA	21	
no_hang_11_63	GCACTCCACGGCGGTAATTCG	21	
no_hang_24_55	AAATGTTCAATTTCTAGGTGTATTAA	28	
no_hang_77_56	AACCCTAACCGTCTCCTGAGTTTTTGAC	28	
no_hang_62_62	TTTGAATATCCTTGATCATTAGAAAGTA	28	
no_hang_36_55	ACGATCTTTCAGCGAAGTTTCAAACAA	28	
no_hang_50_62	AGACGGGGCGCAGAGTAGATTTGTTTGG	28	
no_hang_47_56	AAGGTGGCAACATATAAAGACATATGG	28	
no_hang_63_70	TATTCATCAGGGAAAACAATGGCCGAAC	28	