

Supplementary Figure S3

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P2CD04_csep1P      ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTGGCCACAAGTAGCGTATAT 60
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P20CDO-S2_csep1P  ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTGGCCACAAGTAGCGTATAT 60
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P7UCO-S2_csep1C   ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGCGTTGGCCACAAGTAGCGTATAT 60
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H90-S2_csep1C      ATGAAAAAGCAAATTTTAGCTTCTATTCTAGTTGGTGCGCTTGCTGTAAGTAGTGCTTCA 60
P13UCO-S1_csep1C  ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTAGCCACAAGTAGCGTATAT 60
P27CDO-S1_csep1C  ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTAGCCACAAGTAGCGTATAT 60
H290-S1_csep1C     ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTAGCCACAAGTAGCGTATAT 60
P2CD03_csep1C      ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTGGCCACAAGTAGCGTATAT 60
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H301_csep1C        ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTGTGGCCACAAGTAGCGTATAT 60
P11CDO-S1_csep1C2 ATGAAAAAGCAAATTTTAGCTTCAGTATTAGCCAGCGTGTGGCCACAAGTAGCGTATAT 60
P21CDO-S2_csep1C  ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGTGTGTAGCCATAAGTAGCGTATAT 60
H210-S1_csep1C     ATGAAAAAGCAAATTTTAGCTTCAGTCTTAGCCAGCGTTTTAGCCACAAGTAGCGTATAT 60
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	A	B	
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P13UCO-S3_csep1P	GCTTGGGGC	---TTTGGAGGAAGTAGTAAAGAGAAAACCAAATTATGATTATAGCGCTGAT	117
P26UCO-S1_csep1C	GCTTGGGGC	---TTT---GGAGTAGTAGAGAAAAGCCAAATTATGATTATAGCGCTGAT	114
P2CD04_csep1C	GCTTGGGGC	---TTT---GGAAGTAGTAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	114
P20CDO-S2_csep1P	GCTTGGGGT	---TTT---GGAAGTAGTAAAGAAAAACCAAATTACGATTATAGTGGGGAG	114
P20CDO-S3_csep1P	GCTTGGGGT	---TTT---GGAAGTAGTAAAGAAAAACCAAATTACGATTATAGTGGGGAG	114
P16UCO-S2_csep1C	GCTTGGAGTTG	TTT---GGCGACGATAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	117
H110-S2_csep1C	GCTTGGGGC	---TTT---GGGAGTAGCAAAGAAAACCAAATTATGATTATAGTGGGGAT	114
P11CDO-S1_csep1C	GCTTGGGGC	---TTT---GGGAGTAGCAAAGAAAACCAAATTATGATTATAGTGGGGAT	114
P7UCO-S2_csep1C	GCTTGGGGC	---TTT---GGGAGTAGCAAAGAAAAGCCAAATTATGATTATAGTGGGGAT	114
H90-S1_csep1C	GCTTGGGGC	---TTT---GGGAGTAGCAAAGAAAAGCCAAATTATGATTATAGTGGGGAT	114
H200-S1_csep1C	GCTTGGGGC	---TTTGGAGGAAGTAGTAAAGAAAAGCCAAATTATGATTATAGTGGCGAA	117
P18CDO-S1_csep1C	GCTTGGGGC	---TTT---GGAAGTAGTAGAGAAAAGCCAAATTATGATTATAGCGCTGAT	114
H90-S2_csep1C	GCCTGGAGTTG	TTT---GGCGGAGAAAAGAAAAGCCAAATTATGATTATAGCGCTGAT	117
P13UCO-S1_csep1C	GCTTGGGGC	---TTT---GGGAGTAGTAGAGAAAAGCCAAATTATGATTATAGCGCCGAT	114
P27CDO-S1_csep1C	GCTTGGGGC	---TTT---GGGAGTAGTAGAGAAAAGCCAAATTATGATTATAGCGCCGAT	114
H290-S1_csep1C	GCTTGGGGC	---TTT---GGGAGTAGTAGAGAAAAGCCAAATTATGATTATAGCGCCGAT	114
P2CD03_csep1C	GCTTGGGGC	---TTT---GGGAGTAGCAAAGAAAAGCCAAATTATGATTATAGTGGGGAG	114
P2CDO-S6_csep1C	GCTTGGGGC	---TTT---GGGAGTAGCAAAGAAAAGCCAAATTATGATTATAGTGGGGAG	114
P1CDO3_csep1C	GCTTGGAGTTG	TTT---GGCGCGATAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	117
P20CDO-S1_csep1C	GCTTGGGGC	---TTT---GGGAGTAGTAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	114
P20CDO-S3_csep1C	GCTTGGGGC	---TTT---GGGAGTAGTAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	114
H301_csep1C	GCTTGGGGC	---TTTGGAGGAAGTAGTAAAGAGAAAACCAAATTATGATTATAGTGGGGAG	117
P11CDO-S1_csep1C2	GCTTGGGGC	---TTTGGAGGAAGTAGTAAAGAAAAGCCAAATTATGATTATAGTGGAGAG	117
P21CDO-S2_csep1C	GCTTGGGGC	---TTT---GGAAGTAGTAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	114
H210-S1_csep1C	GCTTGGGGC	---TTTGGAGGAAGTAGTAGAGAAAAGCCAAATTATGATTATAGTGGGGAG	117

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Supplementary Figure S3

P2CD04_csep1P	AAAAAGCTTATAGAAATAAATACT	-----	AGACCAATTAGCACTGACAATGCAAAA	168
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P26UCO-S1_csep1C	AAAAAGCTTATAGAAATAAATACT	-----	AGACCGATTAGCACTGATAATGCGAAA	165
P2CD04_csep1C	AAAGAATTTATTCAGAAAAATACT	-----	AAAGAAATTGGCGGTGACAATGCTAAA	165
P20CDO-S2_csep1P	AAAGAATTTATTCAGAAAAATACT	-----	AAAGAAATTGGCGGTGACAATGCTAAA	165
P20CDO-S3_csep1P	AAAGAATTTATTCAGAAAAATACT	-----	AAAGAAATTGGCGGTGACAATGCTAAA	165
P16UCO-S2_csep1C	AAAGAATTCATTCAGAAAAATACT	-----	CAAAAGCTTGGGACTAATGATGCAAAA	168
H110-S2_csep1C	AAACAGTTTATAGAAACTAACACG	-----	AAAAAATAGACACAGATAGGGCAAAA	165
P11CDO-S1_csep1C	AAACAGTTTATAGAAACTAACACG	-----	AAAAAATAGACACAGATAGGGCAAAA	165
P7UCO-S2_csep1C	AAACAGTTTATAGAAACTAACACG	-----	AAAAAATAGACACAGATAGGGCAAAA	165
H90-S1_csep1C	AAACAGTTTATAGAAACTAACACG	-----	AAAAAATAGACACAGATAGGGCAAAA	165
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P13UCO-S1_csep1C	AAAAAGCTTATAGAAACCAATACA	-----	CAAAAAATTGGCACTGAAAAAGCAAAA	165
P27CDO-S1_csep1C	AAAAAGCTTATAGAAACCAATACA	-----	CAAAAAATTGGCACTGAAAAAGCAAAA	165
H290-S1_csep1C	AAAAAGCTTATAGAAACCAATACA	-----	CAAAAAATTGGCACTGAAAAAGCAAAA	165
P2CD03_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			174
P2CDO-S6_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			174
P1CDO3_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			177
P20CDO-S1_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			174
P20CDO-S3_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			174
H301_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCGGACAAAGATCTGCGAATTGATGATGCAAAA			177
P11CDO-S1_csep1C2	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGGAAATAATCTACGAATTGATGATGCAAAA			177
P21CDO-S2_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			174
H210-S1_csep1C	AAAGAGCTAATGTCATTAAGTTCTTTCTCAGACAAAGATCTGCGAATTGATGATGCAAAA			177
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P13UCO-S3_csep1P	TATTGGTGTTTTGACAAAGGTAATGATTTAGGTTGTCTTTTCGCTAGAAAACTAGAAGCT	228
P26UCO-S1_csep1C	TATTGGTGTTTTGATAAAGGCAATGATTTAGGTTGTCTTTTCGCTAGAAAAATTAGAAGCT	225
P2CD04_csep1C	TACTGGTGCTTTGATAAAGGCAATGATCTAGGTTGTCTTTTCGCTAGAAAAATTAGAAGCT	225
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P16UCO-S2_csep1C	AGATGGTGCTTTGATAAAGGCAACGATCTAGGTTGTCTTTGGCTAGAAAAATTAGAGGCT	228
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P7UCO-S2_csep1C	TATTGGTGTTTATAGTCAAGGTAATGATCTAGGCTGCCTAGCACTAGAAAAACGAGAGGCT	225
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H290-S1_csep1C	TATTGGTGCTTAGATCAAGGTAACGATCTAGGTTGTTTAGCATTAGAAAAATTAGAAGCA	225
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P2CDO-S6_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTAGGTTGTATTTGGCTAGACAAACTAGAAGCT	234
P1CDO3_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTAGGTTGTATTTGGCTAGACAAACTAGAAGCT	237
P20CDO-S1_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTAGGTTGTATTTGGCTAGACAAACTAGAAGCT	234
P20CDO-S3_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTAGGTTGTATTTGGCTAGACAAACTAGAAGCT	234
H301_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTGGGTTGCATTTGGCTAGACAAACTAGAAGCT	237
P11CDO-S1_csep1C2	TATTGGTGTTTATAGTCAAGGTAATGATCTAGGTTGTATTTGGCTAGATAAGCTAGAGGCC	237
P21CDO-S2_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTAGGTTGTATTTGGCTAGACAAACTAGAAGCT	234
H210-S1_csep1C	TATTGGTGCTTTGATCAAGGCAATGATCTAGGTTGTATTTGGCTAGACAAACTAGAAGCT	237
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Supplementary Figure S3

P2CD04_csep1P	TTAGAGAGTAAAGACCTTAAAAAGGTTGTAATAATCTACGAAAAAACTATCCCAGAATAC	288
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P26UCO-S1_csep1C	TTAGAGAGTAAAGACCTTAAAAAGGTTGTAATAATCTACGAAAAAACCATCCAGAATAC	285
P2CD04_csep1C	TTAGAGAGTAAAGACCTTAAAAAGGTTATAATAATCTACGAAAAAACCATCCAGAATAC	285
P20CDO-S2_csep1P	TTAGAGAGTAAAGACCTTAAAAAGGTTATAATAATCTACGAAAAAACCATCCAGAATAC	285
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H110-S2_csep1C	TTAGCCAATAAAGACCTTAAAAAGTAGTGAATTTTATGAAAAAACTATCCAGAATAC	285
P11CDO-S1_csep1C	TTAGCCAATAAAGACCTTAAAAAGTAGTGAATTTTATGAAAAAACTATCCAGAATAC	285
P7UCO-S2_csep1C	TTAGCCAATAAAGACCTTAAAAAGTAGTGAATTTTATGAAAAAACAGTGCCAGAATAC	285
H90-S1_csep1C	TTAGCCAATAAAGACCTTAAAAAGTAGTGAATTTTATGAAAAAACAGTGCCAGAATAC	285
H200-S1_csep1C	ATGGAAAGCAAAGATCTTAAAAAGGTTGTAATAATTTTATGAGAAGACTATCCAGAATAC	288
P18CDO-S1_csep1C	TTAAAGGGTAAAGATCTCAAAAAAGTTATAATAATTTATGAAAAAACTATCCAGAGTAT	285
H90-S2_csep1C	TTAAAGAGTAAAGATCTTAAAAAGGTTATAATAATTTATGAAAAAACTATCCCTGAGTAT	288
P13UCO-S1_csep1C	TTAAAGAGTAAAGATCTTAAAAAGGTTATAATAATTTATGAAAAAACTATCCAGAGTAT	285
P27CDO-S1_csep1C	TTAAAGAGTAAAGATCTTAAAAAGGTTATAATAATTTATGAAAAAACTATCCAGAGTAT	285
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P1CDO3_csep1C	TTAGCTAGTAAAGACATTAAGAAAAGTAGCAAAATTTTATGAAAAAACAGTGCCAGAATAT	297
P20CDO-S1_csep1C	TTAGCTAGTAAAGACATTAAGAAAAGTAGCAAAATTTTACGAAAAAACAGTGCCAGAATAT	294
P20CDO-S3_csep1C	TTAGCTAGTAAAGACATTAAGAAAAGTAGCAAAATTTTACGAAAAAACAGTGCCAGAATAT	294
H301_csep1C	TTAGCTAGTAAAGACATTAAGAAAAGTAACAAAATTTTATGAAAAAACAGTACCAGAATAT	297
P11CDO-S1_csep1C2	TTAGCTAGTAAAGACATTAAGAAAAGTAGCAAAATTTCTATGAAAAAACAGTGCCAGAATAT	297
P21CDO-S2_csep1C	TTAGCTAGTAAAGACATTAAGAAAAGTAACAAAATTTTATGAAAAAACAGTGCCAGAATAT	294
H210-S1_csep1C	TTAGCTAGTAAAGACATTAAGAAAAGTAGCAAAATTTTATGAAAAAACAGTGCCAGAATAT	297
	* ***** * * * * * * * * * * * * * *	
P2CD04_csep1P	TGCTACGATAAAAAATTTGCTCCAGCTTGCAATATACCAGCCATTGATTTAATTCAACAA	348
P13UCO-S3_csep1P	TGCTACGATAAAAAATTTGCTCCAGCGTGCAATATACCAGCCATTGATTTAATTCAACAA	348
P26UCO-S1_csep1C	TGCTACGATAAAAAATTTGCTCCAGCATGCAATATACCAGCTATTGATTTAATTAAATAT	345
P2CD04_csep1C	TGCTACGATAAAAAATTTGCTCCAGCGTGCAATATACCAGCTATTGATTTAATTAAATAT	345
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P11CDO-S1_csep1C	TGCTATGAGAAAAAATTTGCTCCAGCGTGCAATATACCAGCTCTTGATTTGATTTTATAC	345
P7UCO-S2_csep1C	TGCTATGAGAAAAAATTTGCTCCAGCGTGCAATATACCAGCTCTTGATTTGATTTTATAC	345
H90-S1_csep1C	TGCTATGAGAAAAAATTTGCTCCAGCGTGCAATATACCAGCTCTTGATTTGATTTTATAC	345
H200-S1_csep1C	TGTTATGATAAAAAATTTGCCCCAGCTTGCAATATACCAGCTCTTGATTTGATAAAATGG	348
P18CDO-S1_csep1C	TGTTATGATAAAAAATTTGCTCCAGCATGCAATATACCAGCTCATGATTTGATAGAAATGG	345
H90-S2_csep1C	TGTTATGATAAAAAATTTGCTCCAGCATGCAATATACCAGCTCTTGATTTGATAAAATGG	348
P13UCO-S1_csep1C	TGTTATGATAAAAAATTTGCTCCAGCATGCAATATACCAGCTCTTGATTTGATAAAATGG	345
P27CDO-S1_csep1C	TGTTATGATAAAAAATTTGCTCCAGCATGCAATATACCAGCTCTTGATTTGATAAAATGG	345
H290-S1_csep1C	TGTTATGATAAAAAATTTGCTCCAGCATGCAATATACCAGCTCTTGATTTGATAAAATGG	345
P2CD03_csep1C	TGTTATGACAAAAAATTTGCTCCAGCATGCAATATACCTGCTCTTGATTTGATAAAATGG	354
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P1CDO3_csep1C	TGTTATGACAAAAAATTTGCTCCAGCATGCAATATACCAGCTCGTGATTTGATAAAATGG	357
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P20CDO-S3_csep1C	TGTTATGACAAAAAATTTGCTCCAGCATGCAATATACCAGCTCTTGATTTGATAAAATGG	354
H301_csep1C	TGTTATGACAAAAAATTCGCTCCAGCTTGCAATATACCAGCTCTTGATTTGATAAAATGG	357
P11CDO-S1_csep1C2	TGTTATGATAAAAAATTCGCTCCAGCTTGCAATATACCAGCTCATGATTTGATAGAAATGG	357
P21CDO-S2_csep1C	TGTTATGATAAAAAATTCGCTCCAGCTTGCAATATACCAGCTCATGATTTGATAGAAATGG	354
H210-S1_csep1C	TGTTATGACAAAAAATTCGCTCCAGCTTGCAATATACCAGCTCGTGATTTGATAGAAATGG	357
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Supplementary Figure S3

	D	
P2CDO4_csep1P	AAATTATCATACTATGTTAGAAATGATATTGATAATAAAACTATAAAAACTTTTTATTCT	408
P13UCO-S3_csep1P	AAATTATCATACTATGTTAGAAATGATATTGATAATAAAACTATAAAAACTTTTTATTCT	408
P26UCO-S1_csep1C	AAAATAGTTTATTTTTCAAAAAGAAGTGATGATTACACAAAAATAAAAAATCAAGAATTT	405
P2CDO4_csep1C	AAAATAGTTTATTTTTCAAAAAGAAGTGATGATTACACAAAAATAAAAAATCAAGAATTT	405
P20CDO-S2_csep1P	AAAATAGTTTATTTTTCAAAAAGAAGTGATGATTACACAAAAATAAAAAATCAAGAATTT	405
P20CDO-S3_csep1P	AAAATAGTTTATTTTTCAAAAAGAAGTGATGATTACACAAAAATAAAAAATCAAGAATTT	405
P16UCO-S2_csep1C	AAGGTAGTTTATTTTTGCAAAAGAAAAGTGGTGATTATGCAAAAGTAGAAGCCATAGATTCT	408
H110-S2_csep1C	AAAATAATCTATTTTTGCACATAAAAAGCGATGATCAAGCTAAAACCGATGCCATAGATTCT	405
P11CDO-S1_csep1C	AAAATAATCTATTTTTGCACATAAAAAGCGATGATCAAGCTAAAACCGATGCCATAGATTCT	405
P7UCO-S2_csep1C	AAAATAATCTATTTTTGCACATAAAAAGCGATGATCAAGCTAAAACCGATGCCATAGATTCT	405
H90-S1_csep1C	AAAATAATCTATTTTTGCACATAAAAAGCGATGATCAAGCTAAAACCGATGCCATAGATTCT	405
H200-S1_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	399
P18CDO-S1_csep1C	AAAATAGTTTATTTTTGCAAAAAAAGTGATGATTATGCAAAAGAAAAGCCATCGAGTCT	405
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P13UCO-S1_csep1C	AAAATAGTTTATTTTTGCGAAGAAAAG-----ATGGAAATACTAAATCTATTTATTCT	396
P27CDO-S1_csep1C	AAAATAGTTTATTTTTGCGAAGAAAAG-----ATGGAAATACTAAATCTATTTATTCT	396
H290-S1_csep1C	AAAATAGTTTATTTTTGCGAAGAAAAG-----ATGGAAATACTAAATCTATTTATTCT	396
P2CDO3_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	405
P2CDO-S6_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	405
P1CDO3_csep1C	AAAATAGTTTATTTTTGCAAGAAAAG-----ATGGAGATACTAAATCTATTTATTCT	408
P20CDO-S1_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	405
P20CDO-S3_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	405
H301_csep1C	AAAATAGTTTATTTTTGCAAGAAAAG-----ATGGAGATACTAAATCTATTTATTCT	408
P11CDO-S1_csep1C2	AAAATTATATATTTTTGCTAAAAAAA-----ATCAAATACTAGCACTATAAACGCA	408
P21CDO-S2_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	405
H210-S1_csep1C	AAAATAGTTTATTTTTGCAAAAAAAG-----ATAAAAAATACCAAATCTATTTATTCT	408
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	E	
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P13UCO-S3_csep1P	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGT	465
P26UCO-S1_csep1C	GATTATGCAAAAGCCTTTCTG---AGTCAAAAGCAGACGTAAAAATGCTTGAATATGGC	462
P2CDO4_csep1C	GATTATGCAAAAGCCCTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	462
P20CDO-S2_csep1P	GATTATGCAAAAGCCCTTTCTG---AGTCAAAAGCAGACGTAAAAATGCTTGAATATGGC	462
P20CDO-S3_csep1P	GATTATGCAAAAGCCCTTTCTG---AGTCAAAAGCAGACGTAAAAATGCTTGAATATGGC	462
P16UCO-S2_csep1C	GATTATGCAAAAGCTCTTTCTG---AGTCAAAAGCGGACGTAAAAATGCTTGAATACGGC	465
H110-S2_csep1C	GATTATGCAAAAGCTCTTTCTG---AGTCAAAAGCGGACGTAAAAATGCTTGAATACGGC	462
P11CDO-S1_csep1C	GATTACGCAAAAGCTCTTTCTG---AGTCAAAAGCGGACGTAAAAATGCTTGAATACGGC	462
P7UCO-S2_csep1C	GATTATGCAAAAGCTCTTTCTG---AGTCAAAAGCGGACGTAAAAATGCTTGAATACGGC	462
H90-S1_csep1C	GATTATGCAAAAGCTCTTTCTG---AGTCAAAAGCGGACGTAAAAATGCTTGAATACGGC	462
H200-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGT	456
P18CDO-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	462
H90-S2_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	456
P13UCO-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGT	453
P27CDO-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGT	453
H290-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGT	453
P2CDO3_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	462
P2CDO-S6_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	462
P1CDO3_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	465
P20CDO-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	462
P20CDO-S3_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	462
H301_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGT	465
P11CDO-S1_csep1C2	GATTTTGCAAAAATGATTACTGCCAAATCAGGAGCAGAGCTTAAAAATGCTTGAATATGGT	468
P21CDO-S2_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCGGACGTAAAAATGCTTGAATATGGC	462
H210-S1_csep1C	GACTATGCAAAAGCACTTTCTG---AGTCAAAAGCAGATGTAAAAATGCTTGAATATGGC	465
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Supplementary Figure S3

P2CD04_csep1P	AATTCAGTTCTTTATGACTATAAGCACATGCGATATATCCACGGTGGTTATTCAAGCTGG	645
P13UCO-S3_csep1P	AATTCTGTTCTTTATGACTATCAACACATGAGATATATTTATAAAGATGCCTCTGCGTGG	645
P26UCO-S1_csep1C	AATTCGGTTCTTTATGATTATAAGCACATGCGATATATCCACGGTGGTTATTCAAGCTGG	642
P2CD04_csep1C	AATTCGGTTCTTTATGATTATAAGCACATGCGATATATCCACGGTGGTTATTCAAGCTGG	642
P20CDO-S2_csep1P	AATTCGGTTCTTTATGATTATAAGCACATGCGATATATCCACGGTGGTTATTCAAGCTGG	642
P20CDO-S3_csep1P	AATTCGGTTCTTTATGATTATAAGCACATGCGATATATCCACGGTGGTTATTCAAGCTGG	642
P16UCO-S2_csep1C	AATTCAGTCATTTATGATTATCATCATAGTCGATTTGCCTATGGAAGAGCTTCTGGATGG	645
H110-S2_csep1C	AATTCAGTCATTTATGATTATCATCATAGTCGATTTGCCTATGGAAGAGCTTCTGGATGG	642
P11CDO-S1_csep1C	AATTCAGTCATTTATGATTATCATCATAGTCGATTTGCCTATGGAAGAGCTTCTGGATGG	642
P7UCO-S2_csep1C	AATTCAGTCATTTATGATTATCATCATAGTCGATTTGCCTATGGAAGAGCTTCTGGATGG	642
H90-S1_csep1C	AATTCAGTCATTTATGATTATCATCATAGTCGATTTGCCTATGGAAGAGCTTCTGGATGG	642
H200-S1_csep1C	AATTCGGTCCCTTTATGATTATCAGCACATGAGATATATAAAATAGTAATAACTCTGCATGG	636
P18CDO-S1_csep1C	AATTCGTGTTCTTTATGACTATCAGCACATGAGATATATAAAATAGCAATAACTCTGCATGG	642
H90-S2_csep1C	AATTCAGTTCTTTACGATTATCAACATAGACGATACATAAAATAGGAATAACTCTGCATGG	636
P13UCO-S1_csep1C	AATTCTGTTCTTTACGATTATCAACATAGACGATACATAAAATAGGAATAACTCTGCATGG	633
P27CDO-S1_csep1C	AATTCTGTTCTTTACGATTATCAACATAGACGATACATAAAATAGGAATAACTCTGCATGG	633
H290-S1_csep1C	AATTCTGTTCTTTACGATTATCAACATAGACGATACATAAAATAGGAATAACTCTGCATGG	633
P2CD03_csep1C	AATTCTGTTCTTTATGATTATAAACACATGCGATATATCCACGGTGATTATTCAAGCTGG	642
P2CDO-S6_csep1C	AATTCTGTTCTTTATGATTATAAACACATGCGATATATCCACGGTGATTATTCAAGCTGG	642
P1CDO3_csep1C	GATTCGGTTCTTTATGATTATAAGCACATGCGATATATCCACGGTGGTTATTCAAGCTGC	645
P20CDO-S1_csep1C	AATTCAGTTCTTTATGATTATCAACACATGAGATATATCTATAAAGATGCTTCTGCATGG	642
P20CDO-S3_csep1C	AATTCAGTTCTTTATGATTATCAACACATGAGATATATCTATAAAGATGCTTCTGCATGG	642
H301_csep1C	AATTCTGTTCTTTATGACTATCAACACATGAGATATATTTATAAAGATGCCTCTGCGTGG	645
P11CDO-S1_csep1C2	GACTCTGTGTTATATGATAGTAATCAGATGAGATATATATATAAAAAATGCGTCAGGATGG	648
P21CDO-S2_csep1C	AATTCAGTTCTTTATGATTATCAACACATGAGATATATTTATAAAGACGCCACTGCGTGG	642
H210-S1_csep1C	AATTCTGTTCTTTATGACTATCAACACATAAGATATATTTATAAAGACGCCCTCTGCGTGG	645

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P2CD04_csep1P	TGGCTTTT	AGAAAAAATAAAATAA	669
P13UCO-S3_csep1P	AAGCTTTT	-----AATCAATTAA	663
P26UCO-S1_csep1C	TTGCTTTT	AGAAAAAGATAAAGTAA	666
P2CD04_csep1C	TTGCTTTT	AGAAAAAGATAAAGTAA	666
P20CDO-S2_csep1P	TTGCTTTT	AGAAAAAATAAAATAG	666
P20CDO-S3_csep1P	TTGCTTTT	AGAAAAAATAAAATAG	666
P16UCO-S2_csep1C	TGGTTTTT	-----GGACGATTGA	663
H110-S2_csep1C	TGGTTTTT	-----GGACGATTGA	660
P11CDO-S1_csep1C	TGGTTTTT	-----GGACGATTGA	660
P7UCO-S2_csep1C	TGGTTTTT	-----GGACGATTGA	660
H90-S1_csep1C	TGGTTTTT	-----GGACGATTGA	660
H200-S1_csep1C	TGGCTTTT	-----AGAAGATTAG	654
P18CDO-S1_csep1C	TGGCTTTT	-----GCTCTATTAA	660
H90-S2_csep1C	TGGCTTTT	-----AGAAGATTAA	654
P13UCO-S1_csep1C	TGGCTTTT	-----GCTCTATTAA	651
P27CDO-S1_csep1C	TGGCTTTT	-----GCTCTATTAA	651
H290-S1_csep1C	TGGCTTTT	-----GCTCTATTAA	651
P2CD03_csep1C	TGGCTTTT	AGAAAAAATAAAGTAA	666
P2CDO-S6_csep1C	TGGCTTTT	AGAAAAAATAAAGTAA	666
P1CDO3_csep1C	TTGCTTTT	AGAAAAAATAAAGTAA	669
P20CDO-S1_csep1C	TGGCTTTT	-----GCTCTATTAA	660
P20CDO-S3_csep1C	TGGCTTTT	-----GCTCTATTAA	660
H301_csep1C	AAGCTTTT	-----AATCAATTAA	663
P11CDO-S1_csep1C2	AGGAATTT	AGAGTTTCTTAAATAG	672
P21CDO-S2_csep1C	AAGCTTTT	-----GCTCTATTAA	660
H210-S1_csep1C	AAGCTTTT	-----AATCAATTAA	663

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