

CO CL1Contig1 647 6 0 U
RD McF0050I18-MGRbd1 381 0 0
RD McF0031A08-MGRbd1 629 0 0
RD McF0055I19-MGRbd1 615 0 0
RD McF0052J07-MGRbd1 562 0 0
RD McF0049A07-MGRbd1 609 0 0
RD McF0052K18-MGRbd1 569 0 0
CO CL1Contig2 670 3 0 U
RD McF0036A06-MGRbd1 656 0 0
RD McF0054M06-MGRbd1 610 0 0
RD McF0036O23-MGRbd1 651 0 0
CO CL1Contig3 706 5 0 U
RD McF0036K23-MGRbd1 653 0 0
RD McF0050O01-MGRbd1 688 0 0
RD McF0054G21-MGRbd1 554 0 0
RD McF0052F15-MGRbd1 595 0 0
RD McF0049P12-MGRbd1 399 0 0
CO CL1Contig4 676 4 0 U
RD McF0050O21-MGRbd1 265 0 0
RD McF0048L06-MGRbd1 600 0 0
RD McF0053C20-MGRbd1 570 0 0
RD McF0052G16-MGRbd1 592 0 0
CO CL1Contig5 583 2 0 U
RD McF0049D07-MGRbd1 596 0 0
RD McF0055L10-MGRbd1 601 0 0
CO CL1Contig6 663 4 0 U
RD McF0049N13-MGRbd1 561 0 0
RD McF0049K11-MGRbd1 573 0 0
RD McF0049K19-MGRbd1 650 0 0
RD McF0055A08-MGRbd1 660 0 0
CO CL1Contig7 627 3 0 U
RD McF0054O07-MGRbd1 323 0 0
RD McF0049M07-MGRbd1 634 0 0
RD McF0055G06-MGRbd1 603 0 0
CO CL1Contig8 619 4 0 U
RD McF0049O04-MGRbd1 558 0 0
RD McF0055N14-MGRbd1 573 0 0
RD McF0054L17-MGRbd1 559 0 0
RD McF0055C07-MGRbd1 622 0 0
CO CL1Contig9 590 3 0 U
RD McF0050D18-MGRbd1 527 0 0
RD McF0048L04-MGRbd1 552 0 0
RD McF0050H15-MGRbd1 571 0 0
CO CL1Contig10 931 10 0 U
RD McF0050O16-MGRbd1 408 0 0
RD McF0052O01-MGRbd1 296 0 0
RD McF0052I13-MGRbd1 169 0 0
RD McF0050J09-MGRbd1 232 0 0
RD McF0054G19-MGRbd1 531 0 0
RD McF0049K07-MGRbd1 686 0 0
RD McF0052O03-MGRbd1 505 0 0
RD McF0053C05-MGRbd1 557 0 0
RD McF0055B19-MGRbd1 344 0 0
RD McF0052K22-MGRbd1 586 0 0
CO CL1Contig11 658 4 0 U
RD McF0032A24-MGRbd1 274 0 0
RD McF0054G20-MGRbd1 534 0 0
RD McF0051F14-MGRbd1 585 0 0
RD McF0055I16-MGRbd1 665 0 0
CO CL1Contig12 566 7 0 U
RD McF0051H03-MGRbd1 187 0 0
RD McF0027P04-MGRbd1 262 0 0
RD McF0054P21-MGRbd1 358 0 0

RD McF0054M12-MGRbd1 562 0 0
RD McF0055J23-MGRbd1 542 0 0
RD McF0052B07-MGRbd1 534 0 0
RD McF0053M22-MGRbd1 529 0 0
CO CL1Contig13 756 7 0 U
RD McF0051L20-MGRbd1 490 0 0
RD McF0055L15-MGRbd1 601 0 0
RD McF0055L09-MGRbd1 601 0 0
RD McF0054H02-MGRbd1 592 0 0
RD McF0052M18-MGRbd1 597 0 0
RD McF0052G10-MGRbd1 581 0 0
RD McF0049P07-MGRbd1 569 0 0
CO CL1Contig14 650 3 0 U
RD McF0052J22-MGRbd1 571 0 0
RD McF0050N23-MGRbd1 532 0 0
RD McF0055B18-MGRbd1 642 0 0
CO CL1Contig15 565 2 0 U
RD McF0053L21-MGRbd1 590 0 0
RD McF0051E10-MGRbd1 566 0 0
CO CL1Contig16 574 2 0 U
RD McF0054G18-MGRbd1 574 0 0
RD McF0050M17-MGRbd1 215 0 0
CO CL1Contig17 779 7 0 U
RD McF0054J21-MGRbd1 315 0 0
RD McF0053O19-MGRbd1 397 0 0
RD McF0055G02-MGRbd1 385 0 0
RD McF0055F07-MGRbd1 684 0 0
RD McF0049P16-MGRbd1 436 0 0
RD McF0051K13-MGRbd1 484 0 0
RD McF0053L18-MGRbd1 552 0 0
CO CL1Contig18 662 7 0 U
RD McF0052D20-MGRbd1 551 0 0
RD McF0054L04-MGRbd1 586 0 0
RD McF0055A21-MGRbd1 547 0 0
RD McF0054M09-MGRbd1 566 0 0
RD McF0052D09-MGRbd1 595 0 0
RD McF0051M12-MGRbd1 600 0 0
RD McF0055O06-MGRbd1 661 0 0
CO CL2Contig1 661 9 0 U
RD McF0023I09-MGRbd2 626 0 0
RD McF0046J19-MGRbd1 638 0 0
RD McF0043O14-MGRbd1 646 0 0
RD McF0043B08-MGRbd1 245 0 0
RD McF0030G20-MGRbd1 587 0 0
RD McF0042J22-MGRbd1 621 0 0
RD McF0043M17-MGRbd1 554 0 0
RD McF0047K08-MGRbd1 575 0 0
RD McF0045G20-MGRbd1 559 0 0
CO CL2Contig2 648 14 0 U
RD McF0039E06-MGRbd1 605 0 0
RD McF0046G20-MGRbd1 526 0 0
RD McF0043C11-MGRbd1 618 0 0
RD McF0044C20-MGRbd1 623 0 0
RD McF0045P24-MGRbd1 618 0 0
RD McF0038L04-MGRbd1 610 0 0
RD McF0046I18-MGRbd1 254 0 0
RD McF0042P09-MGRbd1 515 0 0
RD McF0043M13-MGRbd1 592 0 0
RD McF0048J03-MGRbd1 636 0 0
RD McF0044P14-MGRbd1 507 0 0
RD McF0044A09-MGRbd1 599 0 0
RD McF0047G16-MGRbd1 636 0 0
RD McF0039A09-MGRbd1 598 0 0

CO CL2Contig3 625 6 0 U
RD McF0043B12-MGRbd1 189 0 0
RD McF0044L22-MGRbd1 424 0 0
RD McF0047K05-MGRbd1 561 0 0
RD McF0039E13-MGRbd1 626 0 0
RD McF0045H11-MGRbd1 629 0 0
RD McF0047I08-MGRbd1 634 0 0
CO CL2Contig4 611 2 0 U
RD McF0043I10-MGRbd1 609 0 0
RD McF0047O05-MGRbd1 605 0 0
CO CL2Contig5 594 9 0 U
RD McF0044F16-MGRbd1 246 0 0
RD McF0040J02-MGRbd1 456 0 0
RD McF0043J22-MGRbd1 573 0 0
RD McF0047K21-MGRbd1 565 0 0
RD McF0042L15-MGRbd1 583 0 0
RD McF0044L21-MGRbd1 509 0 0
RD McF0046H06-MGRbd1 552 0 0
RD McF0044F21-MGRbd1 354 0 0
RD McF0047B04-MGRbd1 318 0 0
CO CL3Contig1 422 3 0 U
RD McF0022J05-MGRbd1 424 0 0
RD McF0028O15-MGRbd1 297 0 0
RD McF0035F06-MGRbd1 491 0 0
CO CL3Contig2 305 2 0 U
RD McF0024H07-MGRbd1 322 0 0
RD McF0024H07-MGRbd2 319 0 0
CO CL3Contig3 303 2 0 U
RD McF0024I12-MGRbd2 299 0 0
RD McF0024I12-MGRbd1 324 0 0
CO CL3Contig4 504 2 0 U
RD McF0024J07-MGRbd1 486 0 0
RD McF0024J07-MGRbd2 504 0 0
CO CL3Contig5 337 2 0 U
RD McF0025E15-MGRbd2 339 0 0
RD McF0037L10-MGRbd1 337 0 0
CO CL3Contig6 439 3 0 U
RD McF0026O11-MGRbd1 360 0 0
RD McF0052H14-MGRbd1 537 0 0
RD McF0047L06-MGRbd1 246 0 0
CO CL3Contig7 409 2 0 U
RD McF0029G12-MGRbd1 429 0 0
RD McF0033E23-MGRbd1 388 0 0
CO CL3Contig8 390 2 0 U
RD McF0030D21-MGRbd1 262 0 0
RD McF0046F23-MGRbd1 384 0 0
CO CL3Contig9 891 3 0 U
RD McF0034O17-MGRbd2 620 0 0
RD McF0034O17-MGRbd1 684 0 0
RD McF0037D14-MGRbd1 352 0 0
CO CL3Contig10 471 2 0 U
RD McF0028M24-MGRbd1 203 0 0
RD McF0038C11-MGRbd1 471 0 0
CO CL3Contig11 366 4 0 U
RD McF0037N16-MGRbd1 137 0 0
RD McF0032B08-MGRbd1 95 0 0
RD McF0023B19-MGRbd2 314 0 0
RD McF0054O22-MGRbd1 385 0 0
CO CL4Contig1 646 3 0 U
RD McF0024N18-MGRbd2 239 0 0
RD McF0021M12-MGRbd1 607 0 0
RD McF0021O01-MGRbd1 633 0 0
CO CL4Contig2 894 3 0 U

RD McF0023M16-MGRbd1 641 0 0
RD McF0023M16-MGRbd2 650 0 0
RD McF0030B15-MGRbd1 503 0 0
CO CL4Contig3 724 3 0 U
RD McF0036M16-MGRbd1 182 0 0
RD McF0024A21-MGRbd2 541 0 0
RD McF0024A21-MGRbd1 738 0 0
CO CL4Contig4 1092 7 0 U
RD McF0053A10-MGRbd1 207 0 0
RD McF0024N18-MGRbd1 255 0 0
RD McF0024L04-MGRbd1 302 0 0
RD McF0024L04-MGRbd2 492 0 0
RD McF0037M03-MGRbd1 635 0 0
RD McF0024F22-MGRbd2 555 0 0
RD McF0026H10-MGRbd1 628 0 0
CO CL4Contig5 641 2 0 U
RD McF0026F13-MGRbd1 576 0 0
RD McF0037P06-MGRbd1 396 0 0
CO CL4Contig6 848 2 0 U
RD McF0027C13-MGRbd1 715 0 0
RD McF0031H23-MGRbd1 501 0 0
CO CL4Contig7 847 3 0 U
RD McF0026F23-MGRbd1 202 0 0
RD McF0027H02-MGRbd1 603 0 0
RD McF0049I03-MGRbd1 616 0 0
CO CL4Contig8 994 2 0 U
RD McF0038J10-MGRbd1 667 0 0
RD McF0050F21-MGRbd1 532 0 0
CO CL4Contig9 987 3 0 U
RD McF0045C16-MGRbd1 408 0 0
RD McF0029I07-MGRbd1 517 0 0
RD McF0050L14-MGRbd1 748 0 0
CO CL4Contig10 508 2 0 U
RD McF0035D05-MGRbd1 444 0 0
RD McF0045D02-MGRbd1 512 0 0
CO CL5Contig1 581 5 0 U
RD McF0021K02-MGRbd1 408 0 0
RD McF0033M07-MGRbd1 274 0 0
RD McF0028I20-MGRbd1 218 0 0
RD McF0028K20-MGRbd1 374 0 0
RD McF0037H20-MGRbd1 186 0 0
CO CL5Contig2 1731 28 0 U
RD McF0030I22-MGRbd1 390 0 0
RD McF0030N06-MGRbd1 137 0 0
RD McF0028N12-MGRbd1 362 0 0
RD McF0028D18-MGRbd1 334 0 0
RD McF0053A22-MGRbd1 521 0 0
RD McF0032A04-MGRbd1 503 0 0
RD McF0030L10-MGRbd1 667 0 0
RD McF0024N05-MGRbd1 575 0 0
RD McF0024N05-MGRbd2 578 0 0
RD McF0028A18-MGRbd1 605 0 0
RD McF0037K13-MGRbd1 628 0 0
RD McF0043E10-MGRbd1 579 0 0
RD McF0040F18-MGRbd1 584 0 0
RD McF0041G05-MGRbd1 463 0 0
RD McF0044G05-MGRbd1 650 0 0
RD McF0041E22-MGRbd1 653 0 0
RD McF0028K04-MGRbd1 387 0 0
RD McF0023O23-MGRbd1 671 0 0
RD McF0023O23-MGRbd2 678 0 0
RD McF0021A19-MGRbd1 663 0 0
RD McF0031G18-MGRbd1 763 0 0

RD McF0044F17-MGRbd1 456 0 0
RD McF0027I18-MGRbd1 441 0 0
RD McF0035N22-MGRbd1 323 0 0
RD McF0036L22-MGRbd1 479 0 0
RD McF0024K04-MGRbd1 366 0 0
RD McF0024K04-MGRbd2 366 0 0
RD McF0033E05-MGRbd1 144 0 0
CO CL6Contig1 677 3 0 U
RD McF0025L24-MGRbd2 636 0 0
RD McF0021H14-MGRbd1 679 0 0
RD McF0033O23-MGRbd1 686 0 0
CO CL6Contig2 745 2 0 U
RD McF0021K17-MGRbd1 701 0 0
RD McF0022M19-MGRbd1 296 0 0
CO CL6Contig3 728 3 0 U
RD McF0022J06-MGRbd1 273 0 0
RD McF0039A17-MGRbd1 606 0 0
RD McF0033B02-MGRbd1 133 0 0
CO CL6Contig4 637 2 0 U
RD McF0027L23-MGRbd1 525 0 0
RD McF0026L02-MGRbd1 646 0 0
CO CL6Contig5 819 5 0 U
RD McF0021P03-MGRbd1 382 0 0
RD McF0026L15-MGRbd1 630 0 0
RD McF0025A09-MGRbd2 635 0 0
RD McF0027B06-MGRbd1 423 0 0
RD McF0031K24-MGRbd1 296 0 0
CO CL6Contig6 729 4 0 U
RD McF0028E08-MGRbd1 361 0 0
RD McF0027M23-MGRbd1 477 0 0
RD McF0025A09-MGRbd1 274 0 0
RD McF0032M04-MGRbd1 612 0 0
CO CL6Contig7 579 2 0 U
RD McF0031B09-MGRbd1 586 0 0
RD McF0039P15-MGRbd1 214 0 0
CO CL6Contig8 577 3 0 U
RD McF0035P06-MGRbd1 194 0 0
RD McF0037C16-MGRbd1 592 0 0
RD McF0037B12-MGRbd1 571 0 0
CO CL6Contig9 598 4 0 U
RD McF0041E07-MGRbd1 531 0 0
RD McF0038O22-MGRbd1 610 0 0
RD McF0037C07-MGRbd1 438 0 0
RD McF0030A04-MGRbd1 530 0 0
CO CL7Contig1 792 26 0 U
RD McF0030L02-MGRbd1 177 0 0
RD McF0023C11-MGRbd2 492 0 0
RD McF0028I11-MGRbd1 207 0 0
RD McF0028K23-MGRbd1 246 0 0
RD McF0026A05-MGRbd1 365 0 0
RD McF0027H08-MGRbd1 368 0 0
RD McF0030G04-MGRbd1 476 0 0
RD McF0031P11-MGRbd1 583 0 0
RD McF0023C07-MGRbd2 594 0 0
RD McF0024B22-MGRbd2 574 0 0
RD McF0034H01-MGRbd2 524 0 0
RD McF0033L11-MGRbd1 484 0 0
RD McF0034H01-MGRbd1 525 0 0
RD McF0026H22-MGRbd1 520 0 0
RD McF0034N16-MGRbd2 577 0 0
RD McF0034N16-MGRbd1 516 0 0
RD McF0027A10-MGRbd1 599 0 0
RD McF0026A01-MGRbd1 729 0 0

RD McF0033O07-MGRbd1 410 0 0
RD McF0038G17-MGRbd1 718 0 0
RD McF0035G24-MGRbd1 636 0 0
RD McF0023C07-MGRbd1 787 0 0
RD McF0023C11-MGRbd1 776 0 0
RD McF0024C02-MGRbd1 195 0 0
RD McF0026E05-MGRbd1 596 0 0
RD McF0024C02-MGRbd2 757 0 0
CO CL8Contig1 627 24 0 U
RD McF0023O07-MGRbd1 207 0 0
RD McF0045L20-MGRbd1 382 0 0
RD McF0051M09-MGRbd1 435 0 0
RD McF0048B07-MGRbd1 402 0 0
RD McF0030I21-MGRbd1 472 0 0
RD McF0047A01-MGRbd1 477 0 0
RD McF0029L17-MGRbd1 609 0 0
RD McF0044I19-MGRbd1 586 0 0
RD McF0026F10-MGRbd1 618 0 0
RD McF0046I19-MGRbd1 585 0 0
RD McF0044M15-MGRbd1 600 0 0
RD McF0035M07-MGRbd1 471 0 0
RD McF0021B07-MGRbd1 543 0 0
RD McF0038O08-MGRbd1 588 0 0
RD McF0028P19-MGRbd1 555 0 0
RD McF0031A10-MGRbd1 588 0 0
RD McF0040C01-MGRbd1 544 0 0
RD McF0023O07-MGRbd2 608 0 0
RD McF0038G15-MGRbd1 596 0 0
RD McF0040D14-MGRbd1 545 0 0
RD McF0038L02-MGRbd1 590 0 0
RD McF0048C08-MGRbd1 593 0 0
RD McF0038F19-MGRbd1 557 0 0
RD McF0048H21-MGRbd1 595 0 0
CO CL9Contig1 1221 22 0 U
RD McF0023H09-MGRbd2 159 0 0
RD McF0028O09-MGRbd1 559 0 0
RD McF0050I19-MGRbd1 282 0 0
RD McF0036L01-MGRbd1 521 0 0
RD McF0022H02-MGRbd1 683 0 0
RD McF0022J13-MGRbd1 641 0 0
RD McF0024E12-MGRbd1 663 0 0
RD McF0023H09-MGRbd1 845 0 0
RD McF0024E12-MGRbd2 760 0 0
RD McF0025L18-MGRbd1 403 0 0
RD McF0037C09-MGRbd1 719 0 0
RD McF0021G17-MGRbd1 252 0 0
RD McF0025L18-MGRbd2 658 0 0
RD McF0026D13-MGRbd1 588 0 0
RD McF0024G03-MGRbd2 491 0 0
RD McF0022B15-MGRbd1 419 0 0
RD McF0029B01-MGRbd1 420 0 0
RD McF0024N22-MGRbd2 397 0 0
RD McF0024N22-MGRbd1 351 0 0
RD McF0027K12-MGRbd1 229 0 0
RD McF0024I03-MGRbd2 254 0 0
RD McF0024I03-MGRbd1 233 0 0
CO CL10Contig1 1198 21 0 U
RD McF0023K18-MGRbd1 202 0 0
RD McF0044L10-MGRbd1 264 0 0
RD McF0039A13-MGRbd1 309 0 0
RD McF0029J05-MGRbd1 282 0 0
RD McF0030F09-MGRbd1 361 0 0
RD McF0021L17-MGRbd1 237 0 0

RD McF0038G01-MGRbd1 449 0 0
RD McF0034P08-MGRbd2 427 0 0
RD McF0023C12-MGRbd2 506 0 0
RD McF0028C22-MGRbd1 439 0 0
RD McF0034P08-MGRbd1 369 0 0
RD McF0023C12-MGRbd1 532 0 0
RD McF0026O02-MGRbd1 524 0 0
RD McF0032G12-MGRbd1 527 0 0
RD McF0028A04-MGRbd1 540 0 0
RD McF0030B20-MGRbd1 601 0 0
RD McF0029M04-MGRbd1 594 0 0
RD McF0033I10-MGRbd1 657 0 0
RD McF0037E02-MGRbd1 662 0 0
RD McF0023K18-MGRbd2 737 0 0
RD McF0036F06-MGRbd1 544 0 0
CO CL11Contig1 893 7 0 U
RD McF0028C05-MGRbd1 305 0 0
RD McF0034K02-MGRbd1 399 0 0
RD McF0037C03-MGRbd1 390 0 0
RD McF0021H18-MGRbd1 754 0 0
RD McF0021L08-MGRbd1 667 0 0
RD McF0043E01-MGRbd1 669 0 0
RD McF0030D14-MGRbd1 486 0 0
CO CL11Contig2 678 12 0 U
RD McF0034N06-MGRbd2 547 0 0
RD McF0032D22-MGRbd1 659 0 0
RD McF0039F21-MGRbd1 611 0 0
RD McF0023M24-MGRbd1 607 0 0
RD McF0028D20-MGRbd1 405 0 0
RD McF0034F02-MGRbd1 408 0 0
RD McF0034F02-MGRbd2 361 0 0
RD McF0023M24-MGRbd2 319 0 0
RD McF0052E16-MGRbd1 658 0 0
RD McF0054F11-MGRbd1 641 0 0
RD McF0031L18-MGRbd1 597 0 0
RD McF0040G18-MGRbd1 632 0 0
CO CL11Contig3 628 2 0 U
RD McF0046C13-MGRbd1 543 0 0
RD McF0050A13-MGRbd1 629 0 0
CO CL12Contig1 593 20 0 U
RD McF0037I10-MGRbd1 338 0 0
RD McF0033D06-MGRbd1 95 0 0
RD McF0024G13-MGRbd1 491 0 0
RD McF0024N12-MGRbd2 585 0 0
RD McF0023B06-MGRbd2 534 0 0
RD McF0026B21-MGRbd1 565 0 0
RD McF0044A13-MGRbd1 532 0 0
RD McF0025C19-MGRbd2 538 0 0
RD McF0048A04-MGRbd1 565 0 0
RD McF0024N12-MGRbd1 572 0 0
RD McF0042A08-MGRbd1 294 0 0
RD McF0044M07-MGRbd1 588 0 0
RD McF0034A13-MGRbd2 526 0 0
RD McF0043E14-MGRbd1 556 0 0
RD McF0024G13-MGRbd2 552 0 0
RD McF0052L14-MGRbd1 564 0 0
RD McF0045I07-MGRbd1 572 0 0
RD McF0025C19-MGRbd1 305 0 0
RD McF0034A13-MGRbd1 543 0 0
RD McF0054B03-MGRbd1 541 0 0
CO CL13Contig1 649 13 0 U
RD McF0025G13-MGRbd1 164 0 0
RD McF0044H16-MGRbd1 488 0 0

RD McF0031H14-MGRbd1 351 0 0
RD McF0023G16-MGRbd1 437 0 0
RD McF0022O06-MGRbd1 631 0 0
RD McF0025G13-MGRbd2 516 0 0
RD McF0040E12-MGRbd1 517 0 0
RD McF0022P04-MGRbd1 569 0 0
RD McF0048L13-MGRbd1 529 0 0
RD McF0023L02-MGRbd1 654 0 0
RD McF0023L02-MGRbd2 636 0 0
RD McF0026M11-MGRbd1 590 0 0
RD McF0023G16-MGRbd2 628 0 0
CO CL13Contig2 647 5 0 U
RD McF0048B05-MGRbd1 311 0 0
RD McF0030B22-MGRbd1 639 0 0
RD McF0033F19-MGRbd1 499 0 0
RD McF0034L08-MGRbd1 200 0 0
RD McF0040B09-MGRbd1 517 0 0
CO CL13Contig3 575 2 0 U
RD McF0034E11-MGRbd2 471 0 0
RD McF0034E11-MGRbd1 589 0 0
CO CL14Contig1 733 20 0 U
RD McF0043E08-MGRbd1 171 0 0
RD McF0023N15-MGRbd1 150 0 0
RD McF0034I09-MGRbd1 193 0 0
RD McF0028K03-MGRbd1 303 0 0
RD McF0023N15-MGRbd2 551 0 0
RD McF0035G18-MGRbd1 518 0 0
RD McF0043M03-MGRbd1 533 0 0
RD McF0034N12-MGRbd1 582 0 0
RD McF0043O16-MGRbd1 585 0 0
RD McF0024H05-MGRbd2 646 0 0
RD McF0022J08-MGRbd1 625 0 0
RD McF0034N12-MGRbd2 630 0 0
RD McF0023J10-MGRbd2 652 0 0
RD McF0031P16-MGRbd1 702 0 0
RD McF0032K16-MGRbd1 698 0 0
RD McF0023J10-MGRbd1 658 0 0
RD McF0035E14-MGRbd1 698 0 0
RD McF0027M06-MGRbd1 370 0 0
RD McF0036B11-MGRbd1 427 0 0
RD McF0024I21-MGRbd2 559 0 0
CO CL15Contig1 116 8 0 U
RD McF0024A02-MGRbd2 122 0 0
RD McF0038A11-MGRbd1 173 0 0
RD McF0037G16-MGRbd1 534 0 0
RD McF0037K16-MGRbd1 95 0 0
RD McF0024D18-MGRbd2 526 0 0
RD McF0024A02-MGRbd1 105 0 0
RD McF0038K09-MGRbd1 136 0 0
RD McF0022A15-MGRbd1 254 0 0
CO CL15Contig2 868 11 0 U
RD McF0037J11-MGRbd1 92 0 0
RD McF0054B17-MGRbd1 347 0 0
RD McF0021G15-MGRbd1 102 0 0
RD McF0023M02-MGRbd2 82 0 0
RD McF0022B21-MGRbd1 209 0 0
RD McF0021C04-MGRbd1 282 0 0
RD McF0029F11-MGRbd1 258 0 0
RD McF0041C06-MGRbd1 437 0 0
RD McF0044F01-MGRbd1 182 0 0
RD McF0043J13-MGRbd1 579 0 0
RD McF0047B08-MGRbd1 632 0 0
CO CL16Contig1 547 4 0 U

RD McF0051F07-MGRbd1 539 0 0
RD McF0053P14-MGRbd1 521 0 0
RD McF0050A16-MGRbd1 359 0 0
RD McF0054I24-MGRbd1 475 0 0
CO CL16Contig2 800 5 0 U
RD McF0051G03-MGRbd1 327 0 0
RD McF0033M05-MGRbd1 330 0 0
RD McF0048I05-MGRbd1 490 0 0
RD McF0046C08-MGRbd1 436 0 0
RD McF0054O05-MGRbd1 653 0 0
CO CL16Contig3 500 2 0 U
RD McF0051N10-MGRbd1 511 0 0
RD McF0054P04-MGRbd1 518 0 0
CO CL16Contig4 1137 4 0 U
RD McF0052M11-MGRbd1 681 0 0
RD McF0052O10-MGRbd1 639 0 0
RD McF0055O16-MGRbd1 617 0 0
RD McF0055L23-MGRbd1 644 0 0
CO CL17Contig1 850 12 0 U
RD McF0035L13-MGRbd1 318 0 0
RD McF0022N10-MGRbd1 456 0 0
RD McF0021J06-MGRbd1 425 0 0
RD McF0033C02-MGRbd1 294 0 0
RD McF0032D14-MGRbd1 576 0 0
RD McF0029P17-MGRbd1 679 0 0
RD McF0037B01-MGRbd1 616 0 0
RD McF0044E14-MGRbd1 611 0 0
RD McF0045D15-MGRbd1 603 0 0
RD McF0032I19-MGRbd1 576 0 0
RD McF0024A23-MGRbd1 551 0 0
RD McF0025L20-MGRbd1 301 0 0
CO CL17Contig2 566 7 0 U
RD McF0036J11-MGRbd1 421 0 0
RD McF0023E11-MGRbd2 482 0 0
RD McF0023E11-MGRbd1 553 0 0
RD McF0035O16-MGRbd1 383 0 0
RD McF0023I17-MGRbd1 314 0 0
RD McF0023I17-MGRbd2 256 0 0
RD McF0028H12-MGRbd1 299 0 0
CO CL18Contig1 704 18 0 U
RD McF0036L16-MGRbd1 419 0 0
RD McF0031L22-MGRbd1 700 0 0
RD McF0048I01-MGRbd1 598 0 0
RD McF0055K23-MGRbd1 637 0 0
RD McF0036P15-MGRbd1 610 0 0
RD McF0054H01-MGRbd1 623 0 0
RD McF0055H16-MGRbd1 640 0 0
RD McF0051N15-MGRbd1 640 0 0
RD McF0052B22-MGRbd1 456 0 0
RD McF0054F14-MGRbd1 626 0 0
RD McF0055G04-MGRbd1 620 0 0
RD McF0053K02-MGRbd1 630 0 0
RD McF0052G06-MGRbd1 620 0 0
RD McF0024O04-MGRbd1 197 0 0
RD McF0043M09-MGRbd1 357 0 0
RD McF0054F04-MGRbd1 512 0 0
RD McF0024O04-MGRbd2 594 0 0
RD McF0052J21-MGRbd1 582 0 0
CO CL19Contig1 1626 18 0 U
RD McF0028G19-MGRbd1 483 0 0
RD McF0025B17-MGRbd1 512 0 0
RD McF0028D09-MGRbd1 706 0 0
RD McF0032N02-MGRbd1 616 0 0

RD McF0025B17-MGRbd2 599 0 0
RD McF0021D04-MGRbd1 242 0 0
RD McF0024I16-MGRbd1 587 0 0
RD McF0043A20-MGRbd1 490 0 0
RD McF0024I16-MGRbd2 728 0 0
RD McF0043G06-MGRbd1 259 0 0
RD McF0034L20-MGRbd1 616 0 0
RD McF0031J05-MGRbd1 583 0 0
RD McF0034L20-MGRbd2 632 0 0
RD McF0029J18-MGRbd1 354 0 0
RD McF0031L15-MGRbd1 315 0 0
RD McF0032J09-MGRbd1 449 0 0
RD McF0032F12-MGRbd1 597 0 0
RD McF0032K09-MGRbd1 475 0 0
CO CL20Contig1 904 15 0 U
RD McF0024K23-MGRbd2 618 0 0
RD McF0024K23-MGRbd1 630 0 0
RD McF0055I22-MGRbd1 542 0 0
RD McF0028C11-MGRbd1 485 0 0
RD McF0021M03-MGRbd1 505 0 0
RD McF0033O21-MGRbd1 495 0 0
RD McF0047D13-MGRbd1 455 0 0
RD McF0026P11-MGRbd1 493 0 0
RD McF0045M06-MGRbd1 481 0 0
RD McF0045I16-MGRbd1 494 0 0
RD McF0039J20-MGRbd1 474 0 0
RD McF0046I03-MGRbd1 474 0 0
RD McF0028M16-MGRbd1 224 0 0
RD McF0035O08-MGRbd1 221 0 0
RD McF0027M13-MGRbd1 509 0 0
CO CL21Contig1 600 2 0 U
RD McF0023N16-MGRbd2 603 0 0
RD McF0036E14-MGRbd1 259 0 0
CO CL21Contig2 1625 14 0 U
RD McF0023N16-MGRbd1 323 0 0
RD McF0025F09-MGRbd2 614 0 0
RD McF0029E21-MGRbd1 642 0 0
RD McF0025F09-MGRbd1 481 0 0
RD McF0034H02-MGRbd2 659 0 0
RD McF0034H02-MGRbd1 613 0 0
RD McF0034B13-MGRbd2 466 0 0
RD McF0034B13-MGRbd1 335 0 0
RD McF0043I01-MGRbd1 681 0 0
RD McF0026J04-MGRbd1 566 0 0
RD McF0027B12-MGRbd1 571 0 0
RD McF0023E06-MGRbd2 359 0 0
RD McF0031I02-MGRbd1 452 0 0
RD McF0037K12-MGRbd1 608 0 0
CO CL22Contig1 576 16 0 U
RD McF0027N18-MGRbd1 468 0 0
RD McF0024B03-MGRbd2 447 0 0
RD McF0041A21-MGRbd1 557 0 0
RD McF0042D10-MGRbd1 499 0 0
RD McF0055J02-MGRbd1 548 0 0
RD McF0024B03-MGRbd1 571 0 0
RD McF0025I13-MGRbd2 547 0 0
RD McF0025M03-MGRbd2 528 0 0
RD McF0040P24-MGRbd1 524 0 0
RD McF0046N12-MGRbd1 272 0 0
RD McF0040L11-MGRbd1 519 0 0
RD McF0042L21-MGRbd1 584 0 0
RD McF0041O11-MGRbd1 581 0 0
RD McF0041F22-MGRbd1 585 0 0

RD McF0040B02-MGRbd1 523 0 0
RD McF0025I13-MGRbd1 357 0 0
CO CL23Contig1 548 9 0 U
RD McF0025G01-MGRbd1 244 0 0
RD McF0022L14-MGRbd1 525 0 0
RD McF0029H09-MGRbd1 488 0 0
RD McF0023H01-MGRbd1 554 0 0
RD McF0023M15-MGRbd1 523 0 0
RD McF0023M15-MGRbd2 549 0 0
RD McF0036I16-MGRbd1 611 0 0
RD McF0024F06-MGRbd2 511 0 0
RD McF0047E01-MGRbd1 549 0 0
CO CL23Contig2 825 7 0 U
RD McF0023H01-MGRbd2 493 0 0
RD McF0035J05-MGRbd1 487 0 0
RD McF0023M06-MGRbd2 679 0 0
RD McF0037D02-MGRbd1 676 0 0
RD McF0024N20-MGRbd2 555 0 0
RD McF0023M06-MGRbd1 730 0 0
RD McF0025G01-MGRbd2 715 0 0
CO CL24Contig1 688 13 0 U
RD McF0027M02-MGRbd1 325 0 0
RD McF0034K24-MGRbd2 318 0 0
RD McF0021G16-MGRbd1 693 0 0
RD McF0036L23-MGRbd1 437 0 0
RD McF0045O09-MGRbd1 634 0 0
RD McF0037B21-MGRbd1 669 0 0
RD McF0034K24-MGRbd1 617 0 0
RD McF0027B17-MGRbd1 462 0 0
RD McF0035P23-MGRbd1 625 0 0
RD McF0038A03-MGRbd1 558 0 0
RD McF0029A01-MGRbd1 637 0 0
RD McF0035H07-MGRbd1 359 0 0
RD McF0042H16-MGRbd1 523 0 0
CO CL25Contig1 959 16 0 U
RD McF0040H24-MGRbd1 211 0 0
RD McF0029N02-MGRbd1 220 0 0
RD McF0025M13-MGRbd1 286 0 0
RD McF0028H24-MGRbd1 477 0 0
RD McF0040N04-MGRbd1 508 0 0
RD McF0025M13-MGRbd2 586 0 0
RD McF0023I12-MGRbd1 554 0 0
RD McF0024N04-MGRbd2 584 0 0
RD McF0041F21-MGRbd1 522 0 0
RD McF0053L20-MGRbd1 539 0 0
RD McF0023I12-MGRbd2 660 0 0
RD McF0022G08-MGRbd1 626 0 0
RD McF0037H08-MGRbd1 552 0 0
RD McF0044J21-MGRbd1 664 0 0
RD McF0033M14-MGRbd1 676 0 0
RD McF0044N19-MGRbd1 609 0 0
CO CL26Contig1 670 16 0 U
RD McF0049M20-MGRbd1 84 0 0
RD McF0049C05-MGRbd1 419 0 0
RD McF0038B01-MGRbd1 432 0 0
RD McF0027O16-MGRbd1 290 0 0
RD McF0025L12-MGRbd1 464 0 0
RD McF0042C12-MGRbd1 607 0 0
RD McF0035M10-MGRbd1 552 0 0
RD McF0035H12-MGRbd1 503 0 0
RD McF0036D15-MGRbd1 564 0 0
RD McF0034M08-MGRbd1 513 0 0
RD McF0047J15-MGRbd1 606 0 0

RD McF0044K04-MGRbd1 602 0 0
RD McF0036N07-MGRbd1 248 0 0
RD McF0054B16-MGRbd1 644 0 0
RD McF0025L12-MGRbd2 637 0 0
RD McF0029M12-MGRbd1 637 0 0
CO CL27Contig1 703 16 0 U
RD McF0048P13-MGRbd1 516 0 0
RD McF0029F13-MGRbd1 668 0 0
RD McF0023E23-MGRbd2 613 0 0
RD McF0023E23-MGRbd1 688 0 0
RD McF0046K14-MGRbd1 572 0 0
RD McF0034C22-MGRbd1 698 0 0
RD McF0034C22-MGRbd2 590 0 0
RD McF0034C21-MGRbd2 603 0 0
RD McF0029A12-MGRbd1 634 0 0
RD McF0042K11-MGRbd1 632 0 0
RD McF0036K22-MGRbd1 628 0 0
RD McF0038H20-MGRbd1 659 0 0
RD McF0040M07-MGRbd1 617 0 0
RD McF0051N19-MGRbd1 527 0 0
RD McF0043N03-MGRbd1 685 0 0
RD McF0046D22-MGRbd1 252 0 0
CO CL28Contig1 616 15 0 U
RD McF0040J20-MGRbd1 426 0 0
RD McF0048D15-MGRbd1 143 0 0
RD McF0040M11-MGRbd1 533 0 0
RD McF0039P08-MGRbd1 520 0 0
RD McF0039P18-MGRbd1 616 0 0
RD McF0045F03-MGRbd1 602 0 0
RD McF0048B11-MGRbd1 549 0 0
RD McF0048C10-MGRbd1 343 0 0
RD McF0041I10-MGRbd1 590 0 0
RD McF0040P20-MGRbd1 590 0 0
RD McF0045E06-MGRbd1 556 0 0
RD McF0044P03-MGRbd1 607 0 0
RD McF0046C23-MGRbd1 526 0 0
RD McF0043M20-MGRbd1 536 0 0
RD McF0046H03-MGRbd1 617 0 0
CO CL29Contig1 1122 15 0 U
RD McF0033N20-MGRbd1 80 0 0
RD McF0034M16-MGRbd1 172 0 0
RD McF0034M16-MGRbd2 172 0 0
RD McF0026K14-MGRbd1 240 0 0
RD McF0031M19-MGRbd1 325 0 0
RD McF0031F07-MGRbd1 277 0 0
RD McF0022E09-MGRbd1 459 0 0
RD McF0035K10-MGRbd1 420 0 0
RD McF0046E14-MGRbd1 572 0 0
RD McF0035O23-MGRbd1 579 0 0
RD McF0023H11-MGRbd2 347 0 0
RD McF0023H11-MGRbd1 277 0 0
RD McF0036J08-MGRbd1 709 0 0
RD McF0029F05-MGRbd1 692 0 0
RD McF0037C22-MGRbd1 664 0 0
CO CL30Contig1 1161 15 0 U
RD McF0029B17-MGRbd1 280 0 0
RD McF0021F04-MGRbd1 332 0 0
RD McF0035M01-MGRbd1 509 0 0
RD McF0037N08-MGRbd1 377 0 0
RD McF0041L17-MGRbd1 282 0 0
RD McF0022N06-MGRbd1 495 0 0
RD McF0038I03-MGRbd1 462 0 0
RD McF0038K10-MGRbd1 523 0 0

RD McF0028B04-MGRbd1 177 0 0
RD McF0026L23-MGRbd1 413 0 0
RD McF0025G20-MGRbd2 404 0 0
RD McF0047I19-MGRbd1 365 0 0
RD McF0030B06-MGRbd1 424 0 0
RD McF0025G20-MGRbd1 424 0 0
RD McF0023D08-MGRbd2 547 0 0
CO CL31Contig1 1155 6 0 U
RD McF0033C19-MGRbd1 119 0 0
RD McF0021M14-MGRbd1 784 0 0
RD McF0024I18-MGRbd2 643 0 0
RD McF0034L16-MGRbd2 427 0 0
RD McF0034L16-MGRbd1 430 0 0
RD McF0028A14-MGRbd1 498 0 0
CO CL31Contig2 723 9 0 U
RD McF0048J20-MGRbd1 308 0 0
RD McF0022D23-MGRbd1 512 0 0
RD McF0028B07-MGRbd1 688 0 0
RD McF0030M09-MGRbd1 657 0 0
RD McF0037I17-MGRbd1 669 0 0
RD McF0040G05-MGRbd1 648 0 0
RD McF0033D17-MGRbd1 481 0 0
RD McF0050A12-MGRbd1 640 0 0
RD McF0050N08-MGRbd1 590 0 0
CO CL32Contig1 1609 14 0 U
RD McF0043O01-MGRbd1 266 0 0
RD McF0047C07-MGRbd1 554 0 0
RD McF0048C16-MGRbd1 622 0 0
RD McF0041G11-MGRbd1 575 0 0
RD McF0046N06-MGRbd1 576 0 0
RD McF0040P19-MGRbd1 694 0 0
RD McF0044O08-MGRbd1 657 0 0
RD McF0041I09-MGRbd1 643 0 0
RD McF0046I10-MGRbd1 638 0 0
RD McF0039E15-MGRbd1 680 0 0
RD McF0047A09-MGRbd1 689 0 0
RD McF0040F11-MGRbd1 776 0 0
RD McF0040L06-MGRbd1 605 0 0
RD McF0046J11-MGRbd1 611 0 0
CO CL33Contig1 1318 14 0 U
RD McF0034P16-MGRbd2 87 0 0
RD McF0033G07-MGRbd1 102 0 0
RD McF0024G17-MGRbd2 244 0 0
RD McF0034P16-MGRbd1 272 0 0
RD McF0024G17-MGRbd1 482 0 0
RD McF0023O20-MGRbd2 531 0 0
RD McF0037E16-MGRbd1 590 0 0
RD McF0026H13-MGRbd1 616 0 0
RD McF0029E19-MGRbd1 604 0 0
RD McF0022B02-MGRbd1 694 0 0
RD McF0037H24-MGRbd1 605 0 0
RD McF0027N01-MGRbd1 603 0 0
RD McF0021I10-MGRbd1 578 0 0
RD McF0027I17-MGRbd1 257 0 0
CO CL34Contig1 351 2 0 U
RD McF0039C01-MGRbd1 231 0 0
RD McF0021K13-MGRbd1 354 0 0
CO CL34Contig2 309 2 0 U
RD McF0024D04-MGRbd1 281 0 0
RD McF0024D04-MGRbd2 315 0 0
CO CL34Contig3 317 2 0 U
RD McF0024G06-MGRbd1 292 0 0
RD McF0024G06-MGRbd2 336 0 0

CO CL34Contig4 314 7 0 U
RD McF0035L04-MGRbd1 287 0 0
RD McF0031M04-MGRbd1 304 0 0
RD McF0050H11-MGRbd1 327 0 0
RD McF0021J03-MGRbd1 309 0 0
RD McF0055I18-MGRbd1 302 0 0
RD McF0031F24-MGRbd1 301 0 0
RD McF0055N16-MGRbd1 299 0 0
CO CL35Contig1 237 2 0 U
RD McF0021F18-MGRbd1 247 0 0
RD McF0031P02-MGRbd1 220 0 0
CO CL35Contig2 690 5 0 U
RD McF0034D03-MGRbd2 282 0 0
RD McF0034D03-MGRbd1 261 0 0
RD McF0034P18-MGRbd2 525 0 0
RD McF0034P18-MGRbd1 542 0 0
RD McF0021J18-MGRbd1 704 0 0
CO CL35Contig3 1015 6 0 U
RD McF0026K22-MGRbd1 651 0 0
RD McF0024J13-MGRbd2 288 0 0
RD McF0032A15-MGRbd1 447 0 0
RD McF0024A17-MGRbd2 577 0 0
RD McF0027K24-MGRbd1 428 0 0
RD McF0034M10-MGRbd1 323 0 0
CO CL36Contig1 881 12 0 U
RD McF0047F14-MGRbd1 574 0 0
RD McF0028D15-MGRbd1 328 0 0
RD McF0043E23-MGRbd1 681 0 0
RD McF0028A02-MGRbd1 650 0 0
RD McF0042L23-MGRbd1 635 0 0
RD McF0031A06-MGRbd1 601 0 0
RD McF0045O02-MGRbd1 591 0 0
RD McF0053G05-MGRbd1 644 0 0
RD McF0050A20-MGRbd1 278 0 0
RD McF0033D14-MGRbd1 387 0 0
RD McF0048D08-MGRbd1 630 0 0
RD McF0046L08-MGRbd1 530 0 0
CO CL37Contig1 659 3 0 U
RD McF0023E20-MGRbd1 276 0 0
RD McF0033A13-MGRbd1 457 0 0
RD McF0023E20-MGRbd2 681 0 0
CO CL37Contig2 670 6 0 U
RD McF0034I13-MGRbd1 325 0 0
RD McF0029O02-MGRbd1 434 0 0
RD McF0023H05-MGRbd2 238 0 0
RD McF0024I09-MGRbd2 678 0 0
RD McF0032K23-MGRbd1 634 0 0
RD McF0040L02-MGRbd1 509 0 0
CO CL37Contig3 600 2 0 U
RD McF0027H16-MGRbd1 613 0 0
RD McF0029J24-MGRbd1 499 0 0
CO CL38Contig1 526 9 0 U
RD McF0030K18-MGRbd1 519 0 0
RD McF0037J16-MGRbd1 623 0 0
RD McF0036H10-MGRbd1 487 0 0
RD McF0035A03-MGRbd1 498 0 0
RD McF0030O12-MGRbd1 424 0 0
RD McF0039L03-MGRbd1 467 0 0
RD McF0047J03-MGRbd1 459 0 0
RD McF0038P15-MGRbd1 456 0 0
RD McF0046I20-MGRbd1 470 0 0
CO CL38Contig2 469 3 0 U
RD McF0033D21-MGRbd1 478 0 0

RD McF0029P10-MGRbd1 450 0 0
RD McF0040O21-MGRbd1 470 0 0
CO CL39Contig1 479 12 0 U
RD McF0025M05-MGRbd1 181 0 0
RD McF0052G02-MGRbd1 284 0 0
RD McF0031B10-MGRbd1 197 0 0
RD McF0031P18-MGRbd1 250 0 0
RD McF0032O12-MGRbd1 283 0 0
RD McF0028B24-MGRbd1 492 0 0
RD McF0034D24-MGRbd2 274 0 0
RD McF0055I13-MGRbd1 471 0 0
RD McF0034B07-MGRbd1 392 0 0
RD McF0032D24-MGRbd1 448 0 0
RD McF0034B07-MGRbd2 465 0 0
RD McF0025M05-MGRbd2 416 0 0
CO CL40Contig1 679 3 0 U
RD McF0025P02-MGRbd2 651 0 0
RD McF0050O09-MGRbd1 611 0 0
RD McF0031F23-MGRbd1 608 0 0
CO CL40Contig2 640 9 0 U
RD McF0025P02-MGRbd1 101 0 0
RD McF0039N04-MGRbd1 410 0 0
RD McF0034F11-MGRbd2 522 0 0
RD McF0034F11-MGRbd1 463 0 0
RD McF0041E24-MGRbd1 509 0 0
RD McF0037E14-MGRbd1 643 0 0
RD McF0025J04-MGRbd1 595 0 0
RD McF0041M11-MGRbd1 576 0 0
RD McF0041M13-MGRbd1 606 0 0
CO CL41Contig1 564 11 0 U
RD McF0041N23-MGRbd1 234 0 0
RD McF0044E16-MGRbd1 363 0 0
RD McF0048I02-MGRbd1 541 0 0
RD McF0043M22-MGRbd1 532 0 0
RD McF0037A07-MGRbd1 551 0 0
RD McF0040G10-MGRbd1 546 0 0
RD McF0041A22-MGRbd1 465 0 0
RD McF0043K21-MGRbd1 473 0 0
RD McF0041D23-MGRbd1 532 0 0
RD McF0044H19-MGRbd1 548 0 0
RD McF0041O24-MGRbd1 288 0 0
CO CL42Contig1 1041 11 0 U
RD McF0025F21-MGRbd1 418 0 0
RD McF0055B24-MGRbd1 539 0 0
RD McF0023M23-MGRbd2 465 0 0
RD McF0055M17-MGRbd1 635 0 0
RD McF0055J08-MGRbd1 571 0 0
RD McF0023M23-MGRbd1 644 0 0
RD McF0025F21-MGRbd2 571 0 0
RD McF0030F07-MGRbd1 597 0 0
RD McF0029M18-MGRbd1 545 0 0
RD McF0022K07-MGRbd1 309 0 0
RD McF0032N23-MGRbd1 324 0 0
CO CL43Contig1 1221 11 0 U
RD McF0035C13-MGRbd1 474 0 0
RD McF0030J08-MGRbd1 436 0 0
RD McF0027D23-MGRbd1 458 0 0
RD McF0021C14-MGRbd1 342 0 0
RD McF0036D02-MGRbd1 692 0 0
RD McF0026L09-MGRbd1 658 0 0
RD McF0040J19-MGRbd1 617 0 0
RD McF0048M14-MGRbd1 510 0 0
RD McF0040D11-MGRbd1 597 0 0

RD McF0037K17-MGRbd1 565 0 0
RD McF0047I05-MGRbd1 607 0 0
CO CL44Contig1 1095 10 0 U
RD McF0037F24-MGRbd1 586 0 0
RD McF0054L11-MGRbd1 573 0 0
RD McF0028K21-MGRbd1 611 0 0
RD McF0031N20-MGRbd1 624 0 0
RD McF0034D04-MGRbd1 606 0 0
RD McF0034D04-MGRbd2 596 0 0
RD McF0037M08-MGRbd1 591 0 0
RD McF0038H10-MGRbd1 559 0 0
RD McF0038F02-MGRbd1 597 0 0
RD McF0048B16-MGRbd1 491 0 0
CO CL45Contig1 868 2 0 U
RD McF0022A06-MGRbd1 625 0 0
RD McF0043F20-MGRbd1 479 0 0
CO CL45Contig2 781 4 0 U
RD McF0042L06-MGRbd1 438 0 0
RD McF0042D13-MGRbd1 524 0 0
RD McF0044P23-MGRbd1 570 0 0
RD McF0046O21-MGRbd1 444 0 0
CO CL45Contig3 868 4 0 U
RD McF0043N22-MGRbd1 620 0 0
RD McF0041H08-MGRbd1 592 0 0
RD McF0045O15-MGRbd1 675 0 0
RD McF0053C17-MGRbd1 550 0 0
CO CL46Contig1 691 10 0 U
RD McF0049B24-MGRbd1 562 0 0
RD McF0027D04-MGRbd1 550 0 0
RD McF0025I07-MGRbd2 552 0 0
RD McF0025I07-MGRbd1 339 0 0
RD McF0040E05-MGRbd1 613 0 0
RD McF0048M16-MGRbd1 606 0 0
RD McF0039E11-MGRbd1 608 0 0
RD McF0037P22-MGRbd1 419 0 0
RD McF0039H10-MGRbd1 503 0 0
RD McF0049L20-MGRbd1 593 0 0
CO CL47Contig1 374 4 0 U
RD McF0032E06-MGRbd1 356 0 0
RD McF0030P02-MGRbd1 348 0 0
RD McF0041F08-MGRbd1 393 0 0
RD McF0037F04-MGRbd1 457 0 0
CO CL47Contig2 582 6 0 U
RD McF0041K10-MGRbd1 570 0 0
RD McF0023F21-MGRbd1 506 0 0
RD McF0023F21-MGRbd2 400 0 0
RD McF0043D04-MGRbd1 442 0 0
RD McF0047L07-MGRbd1 407 0 0
RD McF0022O17-MGRbd1 409 0 0
CO CL48Contig1 599 2 0 U
RD McF0022L07-MGRbd1 604 0 0
RD McF0028N05-MGRbd1 504 0 0
CO CL48Contig2 530 4 0 U
RD McF0043K23-MGRbd1 580 0 0
RD McF0053I17-MGRbd1 530 0 0
RD McF0042B19-MGRbd1 185 0 0
RD McF0043N19-MGRbd1 433 0 0
CO CL48Contig3 567 2 0 U
RD McF0038J15-MGRbd1 326 0 0
RD McF0043N18-MGRbd1 590 0 0
CO CL49Contig1 975 5 0 U
RD McF0035H13-MGRbd1 234 0 0
RD McF0030P10-MGRbd1 676 0 0

RD McF0021D18-MGRbd1 730 0 0
RD McF0036B06-MGRbd1 692 0 0
RD McF0026M17-MGRbd1 371 0 0
CO CL49Contig2 658 5 0 U
RD McF0027M15-MGRbd1 476 0 0
RD McF0025H14-MGRbd1 394 0 0
RD McF0025H14-MGRbd2 578 0 0
RD McF0048H01-MGRbd1 533 0 0
RD McF0028B03-MGRbd1 642 0 0
CO CL50Contig1 642 9 0 U
RD McF0038H21-MGRbd1 110 0 0
RD McF0034M03-MGRbd1 136 0 0
RD McF0029D01-MGRbd1 165 0 0
RD McF0052E23-MGRbd1 486 0 0
RD McF0034I08-MGRbd2 468 0 0
RD McF0044K14-MGRbd1 595 0 0
RD McF0037L08-MGRbd1 560 0 0
RD McF0043E20-MGRbd1 611 0 0
RD McF0021C17-MGRbd1 649 0 0
CO CL51Contig1 616 10 0 U
RD McF0050F13-MGRbd1 504 0 0
RD McF0055E15-MGRbd1 421 0 0
RD McF0045O01-MGRbd1 621 0 0
RD McF0032B14-MGRbd1 561 0 0
RD McF0025N22-MGRbd2 588 0 0
RD McF0025N22-MGRbd1 300 0 0
RD McF0022O11-MGRbd1 593 0 0
RD McF0051B15-MGRbd1 586 0 0
RD McF0055D07-MGRbd1 591 0 0
RD McF0054J01-MGRbd1 425 0 0
CO CL52Contig1 647 9 0 U
RD McF0032P19-MGRbd1 305 0 0
RD McF0021K07-MGRbd1 502 0 0
RD McF0021L11-MGRbd1 502 0 0
RD McF0049D20-MGRbd1 545 0 0
RD McF0033C03-MGRbd1 531 0 0
RD McF0055K18-MGRbd1 655 0 0
RD McF0050I03-MGRbd1 398 0 0
RD McF0053D03-MGRbd1 623 0 0
RD McF0050B01-MGRbd1 607 0 0
CO CL53Contig1 594 9 0 U
RD McF0039P24-MGRbd1 393 0 0
RD McF0041N13-MGRbd1 591 0 0
RD McF0047A06-MGRbd1 601 0 0
RD McF0044M14-MGRbd1 552 0 0
RD McF0044N15-MGRbd1 547 0 0
RD McF0041C16-MGRbd1 588 0 0
RD McF0040G17-MGRbd1 547 0 0
RD McF0048E02-MGRbd1 577 0 0
RD McF0045J08-MGRbd1 568 0 0
CO CL54Contig1 874 9 0 U
RD McF0034I16-MGRbd1 132 0 0
RD McF0046P04-MGRbd1 248 0 0
RD McF0037C23-MGRbd1 451 0 0
RD McF0046C09-MGRbd1 165 0 0
RD McF0043C12-MGRbd1 573 0 0
RD McF0021F02-MGRbd1 808 0 0
RD McF0041D17-MGRbd1 520 0 0
RD McF0041I14-MGRbd1 336 0 0
RD McF0042A14-MGRbd1 475 0 0
CO CL55Contig1 434 3 0 U
RD McF0023L15-MGRbd2 434 0 0
RD McF0055N04-MGRbd1 466 0 0

RD McF0023L15-MGRbd1 454 0 0
CO CL55Contig2 421 5 0 U
RD McF0046C02-MGRbd1 431 0 0
RD McF0026A03-MGRbd1 403 0 0
RD McF0038O11-MGRbd1 405 0 0
RD McF0031L14-MGRbd1 374 0 0
RD McF0054J24-MGRbd1 380 0 0
CO CL56Contig1 514 4 0 U
RD McF0023J02-MGRbd1 531 0 0
RD McF0023J02-MGRbd2 473 0 0
RD McF0023P24-MGRbd2 508 0 0
RD McF0023P24-MGRbd1 529 0 0
CO CL56Contig2 1168 5 0 U
RD McF0039D08-MGRbd1 624 0 0
RD McF0026P06-MGRbd1 752 0 0
RD McF0025C09-MGRbd2 699 0 0
RD McF0043C19-MGRbd1 286 0 0
RD McF0047C14-MGRbd1 306 0 0
CO CL57Contig1 1567 9 0 U
RD McF0024G09-MGRbd2 494 0 0
RD McF0024G09-MGRbd1 408 0 0
RD McF0042F13-MGRbd1 588 0 0
RD McF0022E07-MGRbd1 681 0 0
RD McF0037N14-MGRbd1 658 0 0
RD McF0032A03-MGRbd1 634 0 0
RD McF0031I10-MGRbd1 647 0 0
RD McF0045L11-MGRbd1 590 0 0
RD McF0037P18-MGRbd1 694 0 0
CO CL58Contig1 954 9 0 U
RD McF0025F18-MGRbd1 301 0 0
RD McF0025A07-MGRbd1 330 0 0
RD McF0028P16-MGRbd1 336 0 0
RD McF0027L04-MGRbd1 484 0 0
RD McF0051O18-MGRbd1 488 0 0
RD McF0025F18-MGRbd2 607 0 0
RD McF0025A07-MGRbd2 585 0 0
RD McF0033M09-MGRbd1 669 0 0
RD McF0026G05-MGRbd1 537 0 0
CO CL59Contig1 250 5 0 U
RD McF0034F21-MGRbd2 156 0 0
RD McF0034A21-MGRbd1 201 0 0
RD McF0035C15-MGRbd1 267 0 0
RD McF0032B20-MGRbd1 160 0 0
RD McF0034H23-MGRbd1 267 0 0
CO CL59Contig2 607 3 0 U
RD McF0034C11-MGRbd1 166 0 0
RD McF0038K12-MGRbd1 604 0 0
RD McF0054A11-MGRbd1 351 0 0
CO CL60Contig1 675 9 0 U
RD McF0023K17-MGRbd2 374 0 0
RD McF0024M05-MGRbd1 213 0 0
RD McF0035A20-MGRbd1 517 0 0
RD McF0027C08-MGRbd1 647 0 0
RD McF0036B09-MGRbd1 552 0 0
RD McF0023K17-MGRbd1 677 0 0
RD McF0024M05-MGRbd2 584 0 0
RD McF0042K12-MGRbd1 668 0 0
RD McF0046L05-MGRbd1 637 0 0
CO CL61Contig1 371 3 0 U
RD McF0023C06-MGRbd1 365 0 0
RD McF0021O11-MGRbd1 154 0 0
RD McF0023C06-MGRbd2 374 0 0
CO CL61Contig2 505 5 0 U

RD McF0036J21-MGRbd1 182 0 0
RD McF0034J22-MGRbd2 185 0 0
RD McF0022M03-MGRbd1 265 0 0
RD McF0021O07-MGRbd1 312 0 0
RD McF0034J22-MGRbd1 507 0 0
CO CL62Contig1 1450 8 0 U
RD McF0032K01-MGRbd1 445 0 0
RD McF0049K13-MGRbd1 545 0 0
RD McF0021N18-MGRbd1 372 0 0
RD McF0050I13-MGRbd1 515 0 0
RD McF0054J10-MGRbd1 260 0 0
RD McF0052H10-MGRbd1 349 0 0
RD McF0052M20-MGRbd1 515 0 0
RD McF0055E07-MGRbd1 631 0 0
CO CL63Contig1 1130 9 0 U
RD McF0030O24-MGRbd1 384 0 0
RD McF0022D13-MGRbd1 521 0 0
RD McF0033C07-MGRbd1 712 0 0
RD McF0024D23-MGRbd2 683 0 0
RD McF0030A12-MGRbd1 357 0 0
RD McF0038A01-MGRbd1 584 0 0
RD McF0053B07-MGRbd1 552 0 0
RD McF0022M16-MGRbd1 676 0 0
RD McF0035C01-MGRbd1 702 0 0
CO CL64Contig1 582 6 0 U
RD McF0043E22-MGRbd1 315 0 0
RD McF0035E21-MGRbd1 425 0 0
RD McF0046M23-MGRbd1 268 0 0
RD McF0024D19-MGRbd2 537 0 0
RD McF0021H15-MGRbd1 564 0 0
RD McF0031P24-MGRbd1 181 0 0
CO CL64Contig2 414 2 0 U
RD McF0025C05-MGRbd1 291 0 0
RD McF0028F17-MGRbd1 423 0 0
CO CL65Contig1 660 8 0 U
RD McF0049D18-MGRbd1 238 0 0
RD McF0023N22-MGRbd1 652 0 0
RD McF0032O18-MGRbd1 453 0 0
RD McF0023N22-MGRbd2 457 0 0
RD McF0026P02-MGRbd1 552 0 0
RD McF0038O16-MGRbd1 494 0 0
RD McF0024L09-MGRbd2 458 0 0
RD McF0024L09-MGRbd1 289 0 0
CO CL66Contig1 115 2 0 U
RD McF0024M22-MGRbd1 118 0 0
RD McF0024M22-MGRbd2 111 0 0
CO CL66Contig2 875 6 0 U
RD McF0031E06-MGRbd1 367 0 0
RD McF0032C11-MGRbd1 216 0 0
RD McF0025M15-MGRbd1 163 0 0
RD McF0025M15-MGRbd2 683 0 0
RD McF0028O22-MGRbd1 510 0 0
RD McF0037J19-MGRbd1 301 0 0
CO CL67Contig1 614 8 0 U
RD McF0028H09-MGRbd1 84 0 0
RD McF0034G18-MGRbd2 307 0 0
RD McF0034G18-MGRbd1 412 0 0
RD McF0035J20-MGRbd1 388 0 0
RD McF0035H04-MGRbd1 515 0 0
RD McF0047J12-MGRbd1 622 0 0
RD McF0034D15-MGRbd1 622 0 0
RD McF0034D15-MGRbd2 616 0 0
CO CL68Contig1 752 7 0 U

RD McF0029K24-MGRbd1 206 0 0
RD McF0028K11-MGRbd1 379 0 0
RD McF0027P13-MGRbd1 462 0 0
RD McF0039A12-MGRbd1 556 0 0
RD McF0021K05-MGRbd1 547 0 0
RD McF0028B21-MGRbd1 612 0 0
RD McF0032L04-MGRbd1 698 0 0
CO CL69Contig1 1059 8 0 U
RD McF0022N03-MGRbd1 426 0 0
RD McF0026P07-MGRbd1 497 0 0
RD McF0027H06-MGRbd1 498 0 0
RD McF0042M13-MGRbd1 490 0 0
RD McF0041K17-MGRbd1 541 0 0
RD McF0033N01-MGRbd1 134 0 0
RD McF0052L02-MGRbd1 697 0 0
RD McF0035A11-MGRbd1 696 0 0
CO CL70Contig1 1412 8 0 U
RD McF0050H01-MGRbd1 612 0 0
RD McF0024H18-MGRbd1 531 0 0
RD McF0024H18-MGRbd2 624 0 0
RD McF0051F05-MGRbd1 580 0 0
RD McF0050P04-MGRbd1 628 0 0
RD McF0049D11-MGRbd1 720 0 0
RD McF0045L23-MGRbd1 679 0 0
RD McF0053C11-MGRbd1 684 0 0
CO CL71Contig1 475 8 0 U
RD McF0023I22-MGRbd2 467 0 0
RD McF0025L01-MGRbd1 98 0 0
RD McF0048K03-MGRbd1 437 0 0
RD McF0023I22-MGRbd1 459 0 0
RD McF0046I09-MGRbd1 479 0 0
RD McF0045J04-MGRbd1 258 0 0
RD McF0027M18-MGRbd1 455 0 0
RD McF0048A02-MGRbd1 411 0 0
CO CL72Contig1 907 7 0 U
RD McF0028G24-MGRbd1 287 0 0
RD McF0030N07-MGRbd1 328 0 0
RD McF0034L10-MGRbd1 375 0 0
RD McF0024F09-MGRbd2 784 0 0
RD McF0036H09-MGRbd1 649 0 0
RD McF0028O05-MGRbd1 152 0 0
RD McF0046L10-MGRbd1 676 0 0
CO CL73Contig1 852 8 0 U
RD McF0031H10-MGRbd1 519 0 0
RD McF0023C01-MGRbd2 654 0 0
RD McF0029P11-MGRbd1 624 0 0
RD McF0023C01-MGRbd1 627 0 0
RD McF0023J12-MGRbd2 665 0 0
RD McF0023J12-MGRbd1 663 0 0
RD McF0024I14-MGRbd1 417 0 0
RD McF0024I14-MGRbd2 548 0 0
CO CL74Contig1 675 7 0 U
RD McF0029K04-MGRbd1 654 0 0
RD McF0028E11-MGRbd1 160 0 0
RD McF0029D07-MGRbd1 183 0 0
RD McF0040P15-MGRbd1 657 0 0
RD McF0036G12-MGRbd1 268 0 0
RD McF0035D17-MGRbd1 683 0 0
RD McF0047K04-MGRbd1 295 0 0
CO CL75Contig1 778 8 0 U
RD McF0040C13-MGRbd1 498 0 0
RD McF0025K05-MGRbd2 629 0 0
RD McF0030E20-MGRbd1 657 0 0

RD McF0026O06-MGRbd1 663 0 0
RD McF0026N04-MGRbd1 581 0 0
RD McF0048P21-MGRbd1 683 0 0
RD McF0029O24-MGRbd1 551 0 0
RD McF0040H23-MGRbd1 595 0 0
CO CL76Contig1 767 8 0 U
RD McF0025I11-MGRbd2 373 0 0
RD McF0033K15-MGRbd1 677 0 0
RD McF0029E09-MGRbd1 645 0 0
RD McF0034J19-MGRbd1 287 0 0
RD McF0034J19-MGRbd2 597 0 0
RD McF0028N22-MGRbd1 328 0 0
RD McF0037P03-MGRbd1 354 0 0
RD McF0054K24-MGRbd1 545 0 0
CO CL77Contig1 562 7 0 U
RD McF0034L14-MGRbd1 143 0 0
RD McF0043N04-MGRbd1 370 0 0
RD McF0032E15-MGRbd1 399 0 0
RD McF0037C05-MGRbd1 574 0 0
RD McF0037A08-MGRbd1 540 0 0
RD McF0032O20-MGRbd1 276 0 0
RD McF0044C22-MGRbd1 513 0 0
CO CL78Contig1 1049 8 0 U
RD McF0042N07-MGRbd1 653 0 0
RD McF0022K02-MGRbd1 694 0 0
RD McF0024E16-MGRbd1 521 0 0
RD McF0024E16-MGRbd2 657 0 0
RD McF0029P19-MGRbd1 670 0 0
RD McF0050I04-MGRbd1 530 0 0
RD McF0022B24-MGRbd1 567 0 0
RD McF0052D22-MGRbd1 535 0 0
CO CL79Contig1 1590 8 0 U
RD McF0023G05-MGRbd1 658 0 0
RD McF0023G05-MGRbd2 432 0 0
RD McF0043N07-MGRbd1 696 0 0
RD McF0043M24-MGRbd1 686 0 0
RD McF0037I19-MGRbd1 559 0 0
RD McF0039P21-MGRbd1 602 0 0
RD McF0031B13-MGRbd1 697 0 0
RD McF0045J09-MGRbd1 582 0 0
CO CL80Contig1 770 8 0 U
RD McF0023I01-MGRbd1 762 0 0
RD McF0027O20-MGRbd1 654 0 0
RD McF0023I01-MGRbd2 629 0 0
RD McF0031M12-MGRbd1 690 0 0
RD McF0022F05-MGRbd1 672 0 0
RD McF0022F20-MGRbd1 642 0 0
RD McF0055I21-MGRbd1 641 0 0
RD McF0038C07-MGRbd1 227 0 0
CO CL81Contig1 685 2 0 U
RD McF0023J22-MGRbd2 620 0 0
RD McF0033E19-MGRbd1 683 0 0
CO CL81Contig2 708 6 0 U
RD McF0049E08-MGRbd1 650 0 0
RD McF0033B07-MGRbd1 694 0 0
RD McF0037A16-MGRbd1 635 0 0
RD McF0035E20-MGRbd1 464 0 0
RD McF0040M22-MGRbd1 557 0 0
RD McF0036E13-MGRbd1 616 0 0
CO CL82Contig1 491 8 0 U
RD McF0025C15-MGRbd2 363 0 0
RD McF0023I02-MGRbd1 384 0 0
RD McF0021I16-MGRbd1 473 0 0

RD McF0045O13-MGRbd1 457 0 0
RD McF0023I06-MGRbd2 479 0 0
RD McF0025C15-MGRbd1 314 0 0
RD McF0023I02-MGRbd2 456 0 0
RD McF0055H18-MGRbd1 483 0 0
CO CL83Contig1 869 7 0 U
RD McF0021O09-MGRbd1 539 0 0
RD McF0021J02-MGRbd1 381 0 0
RD McF0030E17-MGRbd1 189 0 0
RD McF0026K12-MGRbd1 602 0 0
RD McF0028O01-MGRbd1 323 0 0
RD McF0022O10-MGRbd1 636 0 0
RD McF0049K23-MGRbd1 614 0 0
CO CL84Contig1 1320 5 0 U
RD McF0023P21-MGRbd2 516 0 0
RD McF0023P21-MGRbd1 663 0 0
RD McF0045K07-MGRbd1 504 0 0
RD McF0042B01-MGRbd1 595 0 0
RD McF0024D01-MGRbd2 712 0 0
CO CL84Contig2 923 3 0 U
RD McF0025J24-MGRbd2 523 0 0
RD McF0025J24-MGRbd1 435 0 0
RD McF0037D11-MGRbd1 688 0 0
CO CL85Contig1 662 2 0 U
RD McF0043P21-MGRbd1 601 0 0
RD McF0049F23-MGRbd1 667 0 0
CO CL85Contig2 694 2 0 U
RD McF0026D07-MGRbd1 502 0 0
RD McF0049L09-MGRbd1 703 0 0
CO CL85Contig3 637 4 0 U
RD McF0039N15-MGRbd1 517 0 0
RD McF0052G22-MGRbd1 643 0 0
RD McF0042O15-MGRbd1 594 0 0
RD McF0040M12-MGRbd1 577 0 0
CO CL86Contig1 486 3 0 U
RD McF0035I05-MGRbd1 212 0 0
RD McF0025K17-MGRbd2 443 0 0
RD McF0022H01-MGRbd1 490 0 0
CO CL86Contig2 609 5 0 U
RD McF0030O01-MGRbd1 595 0 0
RD McF0034D19-MGRbd2 573 0 0
RD McF0034B15-MGRbd2 483 0 0
RD McF0034B15-MGRbd1 483 0 0
RD McF0034D19-MGRbd1 459 0 0
CO CL87Contig1 691 8 0 U
RD McF0024I23-MGRbd2 547 0 0
RD McF0023H20-MGRbd2 546 0 0
RD McF0035N04-MGRbd1 602 0 0
RD McF0025P19-MGRbd2 643 0 0
RD McF0037A06-MGRbd1 651 0 0
RD McF0023H20-MGRbd1 680 0 0
RD McF0024I23-MGRbd1 692 0 0
RD McF0029N21-MGRbd1 660 0 0
CO CL88Contig1 532 8 0 U
RD McF0039P13-MGRbd1 193 0 0
RD McF0034A06-MGRbd1 143 0 0
RD McF0028O13-MGRbd1 199 0 0
RD McF0026E03-MGRbd1 246 0 0
RD McF0042L11-MGRbd1 406 0 0
RD McF0029H21-MGRbd1 329 0 0
RD McF0044P06-MGRbd1 564 0 0
RD McF0038E03-MGRbd1 501 0 0
CO CL89Contig1 594 6 0 U

RD McF0021D17-MGRbd1 332 0 0
RD McF0034A09-MGRbd2 80 0 0
RD McF0034A09-MGRbd1 578 0 0
RD McF0026C12-MGRbd1 581 0 0
RD McF0037B20-MGRbd1 549 0 0
RD McF0035K14-MGRbd1 335 0 0
CO CL90Contig1 666 7 0 U
RD McF0054L07-MGRbd1 264 0 0
RD McF0053M11-MGRbd1 533 0 0
RD McF0053K23-MGRbd1 478 0 0
RD McF0054A20-MGRbd1 185 0 0
RD McF0054P02-MGRbd1 495 0 0
RD McF0052J01-MGRbd1 668 0 0
RD McF0052L16-MGRbd1 432 0 0
CO CL91Contig1 832 2 0 U
RD McF0035F21-MGRbd1 410 0 0
RD McF0043D20-MGRbd1 667 0 0
CO CL92Contig1 1013 7 0 U
RD McF0048A13-MGRbd1 252 0 0
RD McF0022F17-MGRbd1 643 0 0
RD McF0023B04-MGRbd2 682 0 0
RD McF0039L09-MGRbd1 686 0 0
RD McF0053F15-MGRbd1 543 0 0
RD McF0022A23-MGRbd1 629 0 0
RD McF0023B04-MGRbd1 634 0 0
CO CL93Contig1 720 7 0 U
RD McF0033G17-MGRbd1 697 0 0
RD McF0039K03-MGRbd1 678 0 0
RD McF0028K08-MGRbd1 459 0 0
RD McF0029I15-MGRbd1 516 0 0
RD McF0050C19-MGRbd1 596 0 0
RD McF0046G10-MGRbd1 543 0 0
RD McF0050D08-MGRbd1 596 0 0
CO CL94Contig1 650 7 0 U
RD McF0037F03-MGRbd1 220 0 0
RD McF0041C20-MGRbd1 190 0 0
RD McF0028M10-MGRbd1 291 0 0
RD McF0039C23-MGRbd1 305 0 0
RD McF0037E13-MGRbd1 515 0 0
RD McF0035E12-MGRbd1 604 0 0
RD McF0045K12-MGRbd1 592 0 0
CO CL95Contig1 721 7 0 U
RD McF0045O08-MGRbd1 594 0 0
RD McF0035B09-MGRbd1 509 0 0
RD McF0042P14-MGRbd1 508 0 0
RD McF0046F13-MGRbd1 506 0 0
RD McF0026N08-MGRbd1 649 0 0
RD McF0053L14-MGRbd1 526 0 0
RD McF0052C07-MGRbd1 493 0 0
CO CL96Contig1 680 7 0 U
RD McF0033O04-MGRbd1 699 0 0
RD McF0037M13-MGRbd1 652 0 0
RD McF0030A07-MGRbd1 391 0 0
RD McF0029F08-MGRbd1 628 0 0
RD McF0036J02-MGRbd1 596 0 0
RD McF0031M07-MGRbd1 371 0 0
RD McF0025D12-MGRbd2 80 0 0
CO CL97Contig1 494 4 0 U
RD McF0047I16-MGRbd1 235 0 0
RD McF0032O17-MGRbd1 479 0 0
RD McF0041N19-MGRbd1 436 0 0
RD McF0035K01-MGRbd1 504 0 0
CO CL97Contig2 491 3 0 U

RD McF0042E12-MGRbd1 137 0 0
RD McF0036O22-MGRbd1 481 0 0
RD McF0037K20-MGRbd1 499 0 0
CO CL98Contig1 724 5 0 U
RD McF0046L12-MGRbd1 319 0 0
RD McF0042M14-MGRbd1 484 0 0
RD McF0048D10-MGRbd1 624 0 0
RD McF0049M04-MGRbd1 331 0 0
RD McF0042O03-MGRbd1 522 0 0
CO CL99Contig1 722 2 0 U
RD McF0023C15-MGRbd1 678 0 0
RD McF0031K15-MGRbd1 735 0 0
CO CL99Contig2 622 5 0 U
RD McF0025L13-MGRbd2 652 0 0
RD McF0023C15-MGRbd2 80 0 0
RD McF0023O22-MGRbd1 610 0 0
RD McF0023O22-MGRbd2 618 0 0
RD McF0049J20-MGRbd1 569 0 0
CO CL100Contig1 787 7 0 U
RD McF0037I04-MGRbd1 228 0 0
RD McF0047H21-MGRbd1 260 0 0
RD McF0023A22-MGRbd1 782 0 0
RD McF0033J09-MGRbd1 528 0 0
RD McF0027J09-MGRbd1 514 0 0
RD McF0037H04-MGRbd1 135 0 0
RD McF0049L03-MGRbd1 584 0 0
CO CL101Contig1 613 4 0 U
RD McF0027F20-MGRbd1 487 0 0
RD McF0030E16-MGRbd1 597 0 0
RD McF0053L10-MGRbd1 601 0 0
RD McF0044M02-MGRbd1 550 0 0
CO CL101Contig2 570 2 0 U
RD McF0036M05-MGRbd1 149 0 0
RD McF0037B09-MGRbd1 570 0 0
CO CL102Contig1 1258 7 0 U
RD McF0026G02-MGRbd1 511 0 0
RD McF0034A12-MGRbd2 122 0 0
RD McF0034A12-MGRbd1 317 0 0
RD McF0053I24-MGRbd1 541 0 0
RD McF0024M14-MGRbd1 469 0 0
RD McF0024M14-MGRbd2 555 0 0
RD McF0040L17-MGRbd1 616 0 0
CO CL103Contig1 900 7 0 U
RD McF0025C20-MGRbd2 263 0 0
RD McF0023E08-MGRbd1 631 0 0
RD McF0048N10-MGRbd1 637 0 0
RD McF0055F10-MGRbd1 725 0 0
RD McF0023E08-MGRbd2 656 0 0
RD McF0037N05-MGRbd1 521 0 0
RD McF0046A07-MGRbd1 628 0 0
CO CL104Contig1 1072 7 0 U
RD McF0032P23-MGRbd1 470 0 0
RD McF0024I17-MGRbd2 616 0 0
RD McF0030P21-MGRbd1 530 0 0
RD McF0024I17-MGRbd1 486 0 0
RD McF0021P18-MGRbd1 446 0 0
RD McF0038G19-MGRbd1 615 0 0
RD McF0037D06-MGRbd1 684 0 0
CO CL105Contig1 656 7 0 U
RD McF0023B16-MGRbd1 199 0 0
RD McF0031P14-MGRbd1 546 0 0
RD McF0042I20-MGRbd1 571 0 0
RD McF0032M11-MGRbd1 608 0 0

RD McF0027K19-MGRbd1 408 0 0
RD McF0041J24-MGRbd1 399 0 0
RD McF0036B13-MGRbd1 292 0 0
CO CL106Contig1 665 7 0 U
RD McF0034P04-MGRbd2 448 0 0
RD McF0034P04-MGRbd1 602 0 0
RD McF0045M15-MGRbd1 453 0 0
RD McF0022M04-MGRbd1 575 0 0
RD McF0044P15-MGRbd1 590 0 0
RD McF0038A16-MGRbd1 567 0 0
RD McF0044F13-MGRbd1 647 0 0
CO CL107Contig1 752 3 0 U
RD McF0035L20-MGRbd1 509 0 0
RD McF0021A02-MGRbd1 724 0 0
RD McF0041N22-MGRbd1 503 0 0
CO CL108Contig1 684 4 0 U
RD McF0034F15-MGRbd1 483 0 0
RD McF0034F15-MGRbd2 601 0 0
RD McF0039L23-MGRbd1 411 0 0
RD McF0050E05-MGRbd1 305 0 0
CO CL108Contig2 814 3 0 U
RD McF0042G20-MGRbd1 537 0 0
RD McF0041O08-MGRbd1 545 0 0
RD McF0054C13-MGRbd1 535 0 0
CO CL109Contig1 742 7 0 U
RD McF0050G18-MGRbd1 589 0 0
RD McF0024J08-MGRbd2 735 0 0
RD McF0024J08-MGRbd1 227 0 0
RD McF0037D15-MGRbd1 533 0 0
RD McF0037C06-MGRbd1 591 0 0
RD McF0025K07-MGRbd1 81 0 0
RD McF0054H22-MGRbd1 532 0 0
CO CL110Contig1 792 7 0 U
RD McF0023C16-MGRbd1 780 0 0
RD McF0043A19-MGRbd1 509 0 0
RD McF0023C16-MGRbd2 594 0 0
RD McF0024M01-MGRbd2 643 0 0
RD McF0024M01-MGRbd1 505 0 0
RD McF0037J01-MGRbd1 738 0 0
RD McF0041A20-MGRbd1 257 0 0
CO CL111Contig1 659 7 0 U
RD McF0022I14-MGRbd1 96 0 0
RD McF0034D08-MGRbd1 380 0 0
RD McF0031G20-MGRbd1 89 0 0
RD McF0034D08-MGRbd2 388 0 0
RD McF0027E04-MGRbd1 441 0 0
RD McF0037F13-MGRbd1 677 0 0
RD McF0047A17-MGRbd1 624 0 0
CO CL112Contig1 569 7 0 U
RD McF0044O18-MGRbd1 234 0 0
RD McF0032I17-MGRbd1 337 0 0
RD McF0029J11-MGRbd1 491 0 0
RD McF0039N02-MGRbd1 526 0 0
RD McF0038B03-MGRbd1 580 0 0
RD McF0046H09-MGRbd1 583 0 0
RD McF0041D19-MGRbd1 561 0 0
CO CL113Contig1 1227 7 0 U
RD McF0039J12-MGRbd1 87 0 0
RD McF0033P08-MGRbd1 297 0 0
RD McF0038H06-MGRbd1 617 0 0
RD McF0026B08-MGRbd1 657 0 0
RD McF0031G07-MGRbd1 644 0 0
RD McF0036P14-MGRbd1 656 0 0

RD McF0040I04-MGRbd1 562 0 0
CO CL114Contig1 751 7 0 U
RD McF0027K15-MGRbd1 180 0 0
RD McF0041C21-MGRbd1 527 0 0
RD McF0022B22-MGRbd1 567 0 0
RD McF0030E13-MGRbd1 556 0 0
RD McF0033F11-MGRbd1 529 0 0
RD McF0039H12-MGRbd1 554 0 0
RD McF0036A12-MGRbd1 709 0 0
CO CL115Contig1 1065 7 0 U
RD McF0036J03-MGRbd1 160 0 0
RD McF0050M22-MGRbd1 590 0 0
RD McF0024G01-MGRbd1 623 0 0
RD McF0024G01-MGRbd2 655 0 0
RD McF0024J03-MGRbd1 608 0 0
RD McF0024J03-MGRbd2 648 0 0
RD McF0050C02-MGRbd1 502 0 0
CO CL116Contig1 518 3 0 U
RD McF0032H02-MGRbd1 169 0 0
RD McF0044C23-MGRbd1 529 0 0
RD McF0045H23-MGRbd1 518 0 0
CO CL116Contig2 555 4 0 U
RD McF0026C08-MGRbd1 296 0 0
RD McF0045G22-MGRbd1 324 0 0
RD McF0054I09-MGRbd1 452 0 0
RD McF0046F01-MGRbd1 558 0 0
CO CL117Contig1 825 7 0 U
RD McF0048P11-MGRbd1 343 0 0
RD McF0022G17-MGRbd1 226 0 0
RD McF0026A23-MGRbd1 649 0 0
RD McF0046F22-MGRbd1 549 0 0
RD McF0040D15-MGRbd1 658 0 0
RD McF0038J04-MGRbd1 628 0 0
RD McF0037I18-MGRbd1 647 0 0
CO CL118Contig1 1114 4 0 U
RD McF0022L22-MGRbd1 586 0 0
RD McF0035L07-MGRbd1 545 0 0
RD McF0032G24-MGRbd1 584 0 0
RD McF0040P11-MGRbd1 415 0 0
CO CL118Contig2 168 2 0 U
RD McF0024C07-MGRbd1 168 0 0
RD McF0024C07-MGRbd2 165 0 0
CO CL119Contig1 335 2 0 U
RD McF0034E12-MGRbd1 346 0 0
RD McF0034E12-MGRbd2 310 0 0
CO CL119Contig2 390 2 0 U
RD McF0047O03-MGRbd1 320 0 0
RD McF0037H13-MGRbd1 411 0 0
CO CL119Contig3 313 2 0 U
RD McF0027F06-MGRbd1 197 0 0
RD McF0039A04-MGRbd1 318 0 0
CO CL120Contig1 670 7 0 U
RD McF0042K04-MGRbd1 408 0 0
RD McF0047F04-MGRbd1 549 0 0
RD McF0046F18-MGRbd1 297 0 0
RD McF0043O03-MGRbd1 567 0 0
RD McF0040D22-MGRbd1 269 0 0
RD McF0045E16-MGRbd1 646 0 0
RD McF0033G15-MGRbd1 630 0 0
CO CL121Contig1 573 2 0 U
RD McF0027B07-MGRbd1 260 0 0
RD McF0022A18-MGRbd1 586 0 0
CO CL121Contig2 551 4 0 U

RD McF0037A13-MGRbd1 457 0 0
RD McF0023A17-MGRbd1 530 0 0
RD McF0028N20-MGRbd1 142 0 0
RD McF0023A17-MGRbd2 553 0 0
CO CL122Contig1 986 7 0 U
RD McF0030F23-MGRbd1 113 0 0
RD McF0036P20-MGRbd1 677 0 0
RD McF0031A01-MGRbd1 715 0 0
RD McF0031C21-MGRbd1 746 0 0
RD McF0027A01-MGRbd1 730 0 0
RD McF0048I22-MGRbd1 561 0 0
RD McF0029K14-MGRbd1 430 0 0
CO CL123Contig1 559 5 0 U
RD McF0030F14-MGRbd1 201 0 0
RD McF0037I05-MGRbd1 477 0 0
RD McF0025H12-MGRbd1 406 0 0
RD McF0025H12-MGRbd2 400 0 0
RD McF0047G18-MGRbd1 536 0 0
CO CL123Contig2 386 2 0 U
RD McF0021I05-MGRbd1 304 0 0
RD McF0050K19-MGRbd1 391 0 0
CO CL124Contig1 766 7 0 U
RD McF0040J12-MGRbd1 411 0 0
RD McF0029O12-MGRbd1 653 0 0
RD McF0024M06-MGRbd2 585 0 0
RD McF0024M06-MGRbd1 606 0 0
RD McF0023F05-MGRbd2 595 0 0
RD McF0045F19-MGRbd1 558 0 0
RD McF0023F05-MGRbd1 775 0 0
CO CL125Contig1 720 7 0 U
RD McF0052B03-MGRbd1 539 0 0
RD McF0041N05-MGRbd1 275 0 0
RD McF0036A08-MGRbd1 621 0 0
RD McF0051H20-MGRbd1 460 0 0
RD McF0022E23-MGRbd1 617 0 0
RD McF0048L22-MGRbd1 598 0 0
RD McF0044E23-MGRbd1 548 0 0
CO CL126Contig1 707 7 0 U
RD McF0028J17-MGRbd1 185 0 0
RD McF0038G05-MGRbd1 713 0 0
RD McF0031E12-MGRbd1 666 0 0
RD McF0022G20-MGRbd1 510 0 0
RD McF0032B03-MGRbd1 600 0 0
RD McF0041J05-MGRbd1 660 0 0
RD McF0049A10-MGRbd1 601 0 0
CO CL127Contig1 613 7 0 U
RD McF0022E03-MGRbd1 531 0 0
RD McF0029C16-MGRbd1 604 0 0
RD McF0035L09-MGRbd1 552 0 0
RD McF0033B16-MGRbd1 529 0 0
RD McF0034N24-MGRbd2 518 0 0
RD McF0034N24-MGRbd1 452 0 0
RD McF0033N18-MGRbd1 422 0 0
CO CL128Contig1 646 7 0 U
RD McF0036I18-MGRbd1 337 0 0
RD McF0039N10-MGRbd1 664 0 0
RD McF0030A17-MGRbd1 540 0 0
RD McF0054E02-MGRbd1 616 0 0
RD McF0026D22-MGRbd1 471 0 0
RD McF0029G16-MGRbd1 609 0 0
RD McF0054M03-MGRbd1 364 0 0
CO CL129Contig1 763 7 0 U
RD McF0028M06-MGRbd1 285 0 0

RD McF0030O16-MGRbd1 722 0 0
RD McF0027B13-MGRbd1 558 0 0
RD McF0028C18-MGRbd1 652 0 0
RD McF0038I16-MGRbd1 287 0 0
RD McF0041H24-MGRbd1 658 0 0
RD McF0043I03-MGRbd1 416 0 0
CO CL130Contig1 651 7 0 U
RD McF0048H09-MGRbd1 302 0 0
RD McF0034O07-MGRbd2 647 0 0
RD McF0034O07-MGRbd1 552 0 0
RD McF0039J06-MGRbd1 547 0 0
RD McF0038J24-MGRbd1 564 0 0
RD McF0040N10-MGRbd1 506 0 0
RD McF0046A16-MGRbd1 408 0 0
CO CL131Contig1 1571 5 0 U
RD McF0022B23-MGRbd1 683 0 0
RD McF0026G15-MGRbd1 354 0 0
RD McF0040J05-MGRbd1 608 0 0
RD McF0038C24-MGRbd1 552 0 0
RD McF0029E10-MGRbd1 730 0 0
CO CL131Contig2 646 2 0 U
RD McF0023G18-MGRbd1 636 0 0
RD McF0023G18-MGRbd2 531 0 0
CO CL132Contig1 591 6 0 U
RD McF0028H14-MGRbd1 529 0 0
RD McF0041A18-MGRbd1 594 0 0
RD McF0037D09-MGRbd1 699 0 0
RD McF0032A08-MGRbd1 117 0 0
RD McF0048B08-MGRbd1 548 0 0
RD McF0044G11-MGRbd1 595 0 0
CO CL133Contig1 630 2 0 U
RD McF0023C20-MGRbd2 475 0 0
RD McF0023C20-MGRbd1 652 0 0
CO CL133Contig2 578 4 0 U
RD McF0050N09-MGRbd1 245 0 0
RD McF0049M17-MGRbd1 588 0 0
RD McF0028I23-MGRbd1 387 0 0
RD McF0053G12-MGRbd1 586 0 0
CO CL134Contig1 727 6 0 U
RD McF0049B19-MGRbd1 278 0 0
RD McF0043I19-MGRbd1 444 0 0
RD McF0054F07-MGRbd1 499 0 0
RD McF0044P07-MGRbd1 624 0 0
RD McF0053M19-MGRbd1 507 0 0
RD McF0055O20-MGRbd1 566 0 0
CO CL135Contig1 1017 6 0 U
RD McF0041B04-MGRbd1 463 0 0
RD McF0041B01-MGRbd1 657 0 0
RD McF0041M09-MGRbd1 609 0 0
RD McF0035F14-MGRbd1 632 0 0
RD McF0043O08-MGRbd1 639 0 0
RD McF0046C18-MGRbd1 300 0 0
CO CL136Contig1 713 6 0 U
RD McF0024O02-MGRbd1 585 0 0
RD McF0022F03-MGRbd1 651 0 0
RD McF0035C21-MGRbd1 601 0 0
RD McF0037L23-MGRbd1 540 0 0
RD McF0025E02-MGRbd2 396 0 0
RD McF0054N20-MGRbd1 586 0 0
CO CL137Contig1 845 6 0 U
RD McF0028E23-MGRbd1 443 0 0
RD McF0028E06-MGRbd1 640 0 0
RD McF0026J16-MGRbd1 265 0 0

RD McF0048D21-MGRbd1 550 0 0
RD McF0053B14-MGRbd1 605 0 0
RD McF0053M08-MGRbd1 508 0 0
CO CL138Contig1 797 6 0 U
RD McF0021I17-MGRbd1 797 0 0
RD McF0023N01-MGRbd2 283 0 0
RD McF0043E19-MGRbd1 363 0 0
RD McF0044N12-MGRbd1 462 0 0
RD McF0023N01-MGRbd1 760 0 0
RD McF0044K11-MGRbd1 554 0 0
CO CL139Contig1 516 3 0 U
RD McF0041K18-MGRbd1 272 0 0
RD McF0023K16-MGRbd2 524 0 0
RD McF0023K16-MGRbd1 512 0 0
CO CL139Contig2 502 3 0 U
RD McF0042D20-MGRbd1 216 0 0
RD McF0033I15-MGRbd1 312 0 0
RD McF0048O04-MGRbd1 502 0 0
CO CL140Contig1 368 6 0 U
RD McF0032M07-MGRbd1 250 0 0
RD McF0029D18-MGRbd1 310 0 0
RD McF0023B10-MGRbd1 325 0 0
RD McF0022M20-MGRbd1 371 0 0
RD McF0023B10-MGRbd2 341 0 0
RD McF0055P18-MGRbd1 600 0 0
CO CL141Contig1 640 6 0 U
RD McF0026L01-MGRbd1 223 0 0
RD McF0023G24-MGRbd2 437 0 0
RD McF0027I04-MGRbd1 549 0 0
RD McF0045A03-MGRbd1 643 0 0
RD McF0036A10-MGRbd1 579 0 0
RD McF0023G24-MGRbd1 595 0 0
CO CL142Contig1 668 6 0 U
RD McF0036M21-MGRbd1 185 0 0
RD McF0050C18-MGRbd1 570 0 0
RD McF0049I22-MGRbd1 560 0 0
RD McF0052A02-MGRbd1 653 0 0
RD McF0052M21-MGRbd1 634 0 0
RD McF0055L12-MGRbd1 674 0 0
CO CL143Contig1 907 6 0 U
RD McF0033O15-MGRbd1 600 0 0
RD McF0035D12-MGRbd1 527 0 0
RD McF0033G11-MGRbd1 701 0 0
RD McF0047F18-MGRbd1 574 0 0
RD McF0030E21-MGRbd1 575 0 0
RD McF0047E04-MGRbd1 537 0 0
CO CL144Contig1 641 6 0 U
RD McF0023L16-MGRbd1 351 0 0
RD McF0043N16-MGRbd1 470 0 0
RD McF0034L04-MGRbd2 584 0 0
RD McF0055L11-MGRbd1 603 0 0
RD McF0034L04-MGRbd1 593 0 0
RD McF0050L10-MGRbd1 593 0 0
CO CL145Contig1 712 5 0 U
RD McF0025D04-MGRbd2 113 0 0
RD McF0021O24-MGRbd1 225 0 0
RD McF0041M04-MGRbd1 634 0 0
RD McF0043O20-MGRbd1 673 0 0
RD McF0047I07-MGRbd1 693 0 0
CO CL146Contig1 752 4 0 U
RD McF0026O10-MGRbd1 444 0 0
RD McF0026L24-MGRbd1 608 0 0
RD McF0031H07-MGRbd1 631 0 0

RD McF0037F18-MGRbd1 754 0 0
CO CL146Contig2 623 2 0 U
RD McF0031J19-MGRbd1 334 0 0
RD McF0038C05-MGRbd1 628 0 0
CO CL147Contig1 839 6 0 U
RD McF0024K18-MGRbd1 534 0 0
RD McF0024N16-MGRbd1 298 0 0
RD McF0025E17-MGRbd1 389 0 0
RD McF0024K18-MGRbd2 666 0 0
RD McF0024N16-MGRbd2 634 0 0
RD McF0025E17-MGRbd2 569 0 0
CO CL148Contig1 529 6 0 U
RD McF0025H06-MGRbd2 119 0 0
RD McF0052G04-MGRbd1 254 0 0
RD McF0024C24-MGRbd2 508 0 0
RD McF0038H17-MGRbd1 501 0 0
RD McF0024C24-MGRbd1 428 0 0
RD McF0028A01-MGRbd1 468 0 0
CO CL149Contig1 615 6 0 U
RD McF0025A15-MGRbd2 445 0 0
RD McF0033N02-MGRbd1 159 0 0
RD McF0031J09-MGRbd1 594 0 0
RD McF0025A15-MGRbd1 447 0 0
RD McF0028L13-MGRbd1 604 0 0
RD McF0049N23-MGRbd1 453 0 0
CO CL150Contig1 927 6 0 U
RD McF0046P14-MGRbd1 81 0 0
RD McF0046D03-MGRbd1 639 0 0
RD McF0047A13-MGRbd1 643 0 0
RD McF0048C18-MGRbd1 194 0 0
RD McF0028A17-MGRbd1 738 0 0
RD McF0048F10-MGRbd1 415 0 0
CO CL151Contig1 634 6 0 U
RD McF0027G16-MGRbd1 100 0 0
RD McF0025H20-MGRbd2 158 0 0
RD McF0024H10-MGRbd2 630 0 0
RD McF0053G11-MGRbd1 598 0 0
RD McF0036J16-MGRbd1 196 0 0
RD McF0033F16-MGRbd1 334 0 0
CO CL152Contig1 951 6 0 U
RD McF0029N05-MGRbd1 540 0 0
RD McF0027H04-MGRbd1 594 0 0
RD McF0055G22-MGRbd1 655 0 0
RD McF0048H07-MGRbd1 536 0 0
RD McF0049E16-MGRbd1 495 0 0
RD McF0029I10-MGRbd1 539 0 0
CO CL153Contig1 880 5 0 U
RD McF0050A11-MGRbd1 558 0 0
RD McF0054M17-MGRbd1 551 0 0
RD McF0055O08-MGRbd1 613 0 0
RD McF0054H15-MGRbd1 644 0 0
RD McF0053E13-MGRbd1 623 0 0
CO CL154Contig1 1100 6 0 U
RD McF0027M10-MGRbd1 518 0 0
RD McF0037K18-MGRbd1 541 0 0
RD McF0036F03-MGRbd1 629 0 0
RD McF0055N18-MGRbd1 515 0 0
RD McF0039C05-MGRbd1 559 0 0
RD McF0047I13-MGRbd1 368 0 0
CO CL155Contig1 678 6 0 U
RD McF0046I17-MGRbd1 157 0 0
RD McF0042N19-MGRbd1 365 0 0
RD McF0046K06-MGRbd1 529 0 0

RD McF0048K13-MGRbd1 680 0 0
RD McF0046N23-MGRbd1 613 0 0
RD McF0041N16-MGRbd1 635 0 0
CO CL156Contig1 574 6 0 U
RD McF0033G03-MGRbd1 177 0 0
RD McF0034K19-MGRbd1 523 0 0
RD McF0034K19-MGRbd2 478 0 0
RD McF0032P20-MGRbd1 574 0 0
RD McF0034I23-MGRbd2 565 0 0
RD McF0034I23-MGRbd1 549 0 0
CO CL157Contig1 543 6 0 U
RD McF0025E07-MGRbd1 195 0 0
RD McF0028D16-MGRbd1 261 0 0
RD McF0025E07-MGRbd2 462 0 0
RD McF0021F22-MGRbd1 527 0 0
RD McF0028M19-MGRbd1 134 0 0
RD McF0044N08-MGRbd1 627 0 0
CO CL158Contig1 721 6 0 U
RD McF0023E13-MGRbd1 552 0 0
RD McF0023E13-MGRbd2 628 0 0
RD McF0027A05-MGRbd1 569 0 0
RD McF0041E20-MGRbd1 588 0 0
RD McF0029O05-MGRbd1 654 0 0
RD McF0031J23-MGRbd1 666 0 0
CO CL159Contig1 1188 6 0 U
RD McF0023B09-MGRbd2 648 0 0
RD McF0023B09-MGRbd1 709 0 0
RD McF0035I17-MGRbd1 669 0 0
RD McF0040A07-MGRbd1 499 0 0
RD McF0034F03-MGRbd1 329 0 0
RD McF0034F03-MGRbd2 389 0 0
CO CL160Contig1 680 6 0 U
RD McF0024D16-MGRbd2 642 0 0
RD McF0024D16-MGRbd1 627 0 0
RD McF0048M05-MGRbd1 449 0 0
RD McF0053F22-MGRbd1 530 0 0
RD McF0038K04-MGRbd1 667 0 0
RD McF0040D20-MGRbd1 492 0 0
CO CL161Contig1 1573 6 0 U
RD McF0026N09-MGRbd1 334 0 0
RD McF0030H12-MGRbd1 414 0 0
RD McF0050I14-MGRbd1 642 0 0
RD McF0030L09-MGRbd1 744 0 0
RD McF0026B03-MGRbd1 248 0 0
RD McF0052H11-MGRbd1 664 0 0
CO CL162Contig1 708 6 0 U
RD McF0025N11-MGRbd1 277 0 0
RD McF0032L16-MGRbd1 464 0 0
RD McF0022I04-MGRbd1 632 0 0
RD McF0031O10-MGRbd1 669 0 0
RD McF0025N11-MGRbd2 564 0 0
RD McF0028F13-MGRbd1 430 0 0
CO CL163Contig1 1087 3 0 U
RD McF0023O13-MGRbd1 653 0 0
RD McF0023O13-MGRbd2 542 0 0
RD McF0041A17-MGRbd1 603 0 0
CO CL163Contig2 803 3 0 U
RD McF0042J13-MGRbd1 623 0 0
RD McF0034M04-MGRbd2 533 0 0
RD McF0045G07-MGRbd1 575 0 0
CO CL164Contig1 872 5 0 U
RD McF0040F13-MGRbd1 254 0 0
RD McF0033O01-MGRbd1 662 0 0

RD McF0047K15-MGRbd1 610 0 0
RD McF0048O08-MGRbd1 615 0 0
RD McF0044P18-MGRbd1 490 0 0
CO CL165Contig1 637 6 0 U
RD McF0046G12-MGRbd1 439 0 0
RD McF0035G12-MGRbd1 592 0 0
RD McF0050B16-MGRbd1 569 0 0
RD McF0038M11-MGRbd1 628 0 0
RD McF0032E20-MGRbd1 612 0 0
RD McF0040F01-MGRbd1 617 0 0
CO CL166Contig1 810 6 0 U
RD McF0034A24-MGRbd1 357 0 0
RD McF0034A24-MGRbd2 329 0 0
RD McF0030F15-MGRbd1 545 0 0
RD McF0034L12-MGRbd2 596 0 0
RD McF0034L12-MGRbd1 615 0 0
RD McF0040O23-MGRbd1 560 0 0
CO CL167Contig1 541 6 0 U
RD McF0027B03-MGRbd1 503 0 0
RD McF0038D04-MGRbd1 517 0 0
RD McF0025O23-MGRbd1 316 0 0
RD McF0041E16-MGRbd1 532 0 0
RD McF0025D10-MGRbd2 644 0 0
RD McF0042I01-MGRbd1 185 0 0
CO CL168Contig1 663 6 0 U
RD McF0052E14-MGRbd1 634 0 0
RD McF0055B20-MGRbd1 614 0 0
RD McF0038O13-MGRbd1 639 0 0
RD McF0052G12-MGRbd1 648 0 0
RD McF0053P15-MGRbd1 673 0 0
RD McF0029D06-MGRbd1 638 0 0
CO CL169Contig1 702 6 0 U
RD McF0028L04-MGRbd1 435 0 0
RD McF0029J09-MGRbd1 680 0 0
RD McF0052N11-MGRbd1 697 0 0
RD McF0045J19-MGRbd1 556 0 0
RD McF0038E17-MGRbd1 624 0 0
RD McF0028K12-MGRbd1 620 0 0
CO CL170Contig1 728 6 0 U
RD McF0023G21-MGRbd1 721 0 0
RD McF0036E10-MGRbd1 709 0 0
RD McF0036D16-MGRbd1 671 0 0
RD McF0042N15-MGRbd1 582 0 0
RD McF0053O18-MGRbd1 633 0 0
RD McF0035A08-MGRbd1 664 0 0
CO CL171Contig1 539 2 0 U
RD McF0034K17-MGRbd2 404 0 0
RD McF0034K17-MGRbd1 544 0 0
CO CL171Contig2 700 4 0 U
RD McF0044K16-MGRbd1 252 0 0
RD McF0027L20-MGRbd1 278 0 0
RD McF0054C12-MGRbd1 168 0 0
RD McF0038E11-MGRbd1 700 0 0
CO CL172Contig1 761 5 0 U
RD McF0031K06-MGRbd1 683 0 0
RD McF0026D24-MGRbd1 655 0 0
RD McF0024O05-MGRbd2 587 0 0
RD McF0022I06-MGRbd1 112 0 0
RD McF0053G20-MGRbd1 466 0 0
CO CL173Contig1 757 6 0 U
RD McF0034E06-MGRbd2 340 0 0
RD McF0034E06-MGRbd1 196 0 0
RD McF0027M17-MGRbd1 719 0 0

RD McF0024F15-MGRbd2 632 0 0
RD McF0024F15-MGRbd1 591 0 0
RD McF0053A15-MGRbd1 587 0 0
CO CL174Contig1 1271 6 0 U
RD McF0026P20-MGRbd1 631 0 0
RD McF0037G18-MGRbd1 678 0 0
RD McF0038L11-MGRbd1 647 0 0
RD McF0044I06-MGRbd1 629 0 0
RD McF0040H17-MGRbd1 629 0 0
RD McF0039K16-MGRbd1 449 0 0
CO CL175Contig1 678 6 0 U
RD McF0034A22-MGRbd2 240 0 0
RD McF0033L19-MGRbd1 511 0 0
RD McF0034A22-MGRbd1 479 0 0
RD McF0030C23-MGRbd1 424 0 0
RD McF0029E22-MGRbd1 689 0 0
RD McF0038O01-MGRbd1 670 0 0
CO CL176Contig1 712 6 0 U
RD McF0023D16-MGRbd2 431 0 0
RD McF0027K01-MGRbd1 421 0 0
RD McF0023D16-MGRbd1 311 0 0
RD McF0053A06-MGRbd1 624 0 0
RD McF0021B13-MGRbd1 717 0 0
RD McF0031O04-MGRbd1 660 0 0
CO CL177Contig1 730 6 0 U
RD McF0040C12-MGRbd1 526 0 0
RD McF0043H02-MGRbd1 463 0 0
RD McF0029G05-MGRbd1 669 0 0
RD McF0041G09-MGRbd1 680 0 0
RD McF0023M10-MGRbd1 671 0 0
RD McF0023M10-MGRbd2 741 0 0
CO CL178Contig1 359 2 0 U
RD McF0025E22-MGRbd1 202 0 0
RD McF0044B22-MGRbd1 359 0 0
CO CL178Contig2 706 4 0 U
RD McF0025E22-MGRbd2 447 0 0
RD McF0034M15-MGRbd1 601 0 0
RD McF0032F09-MGRbd1 390 0 0
RD McF0034M15-MGRbd2 540 0 0
CO CL179Contig1 708 4 0 U
RD McF0039D01-MGRbd1 685 0 0
RD McF0048C22-MGRbd1 700 0 0
RD McF0045G02-MGRbd1 625 0 0
RD McF0038H04-MGRbd1 506 0 0
CO CL179Contig2 717 2 0 U
RD McF0039J09-MGRbd1 702 0 0
RD McF0041A13-MGRbd1 615 0 0
CO CL180Contig1 518 6 0 U
RD McF0036M19-MGRbd1 318 0 0
RD McF0046E03-MGRbd1 495 0 0
RD McF0042L16-MGRbd1 494 0 0
RD McF0043O04-MGRbd1 544 0 0
RD McF0039P02-MGRbd1 473 0 0
RD McF0046J21-MGRbd1 522 0 0
CO CL181Contig1 744 5 0 U
RD McF0046H13-MGRbd1 644 0 0
RD McF0021K19-MGRbd1 738 0 0
RD McF0055I05-MGRbd1 702 0 0
RD McF0025J15-MGRbd2 460 0 0
RD McF0043B18-MGRbd1 665 0 0
CO CL182Contig1 768 5 0 U
RD McF0043I08-MGRbd1 545 0 0
RD McF0048G19-MGRbd1 199 0 0

RD McF0023J11-MGRbd2 740 0 0
RD McF0023J11-MGRbd1 727 0 0
RD McF0047M03-MGRbd1 590 0 0
CO CL183Contig1 1356 6 0 U
RD McF0040P08-MGRbd1 607 0 0
RD McF0042K13-MGRbd1 248 0 0
RD McF0043N08-MGRbd1 623 0 0
RD McF0045N11-MGRbd1 624 0 0
RD McF0040E24-MGRbd1 610 0 0
RD McF0047L17-MGRbd1 587 0 0
CO CL184Contig1 780 6 0 U
RD McF0030E18-MGRbd1 566 0 0
RD McF0030B13-MGRbd1 198 0 0
RD McF0030K12-MGRbd1 638 0 0
RD McF0026N06-MGRbd1 697 0 0
RD McF0029C09-MGRbd1 726 0 0
RD McF0032K20-MGRbd1 370 0 0
CO CL185Contig1 525 5 0 U
RD McF0024C09-MGRbd2 348 0 0
RD McF0032M17-MGRbd1 332 0 0
RD McF0026P19-MGRbd1 511 0 0
RD McF0033H11-MGRbd1 739 0 0
RD McF0029P21-MGRbd1 424 0 0
CO CL186Contig1 700 5 0 U
RD McF0052M19-MGRbd1 493 0 0
RD McF0046M12-MGRbd1 557 0 0
RD McF0024H12-MGRbd2 702 0 0
RD McF0028E02-MGRbd1 682 0 0
RD McF0025L16-MGRbd2 655 0 0
CO CL187Contig1 594 5 0 U
RD McF0022C09-MGRbd1 584 0 0
RD McF0030A08-MGRbd1 576 0 0
RD McF0034J17-MGRbd2 540 0 0
RD McF0045E24-MGRbd1 524 0 0
RD McF0034J17-MGRbd1 544 0 0
CO CL188Contig1 521 4 0 U
RD McF0023J23-MGRbd2 426 0 0
RD McF0023J23-MGRbd1 494 0 0
RD McF0030H02-MGRbd1 325 0 0
RD McF0026L11-MGRbd1 635 0 0
CO CL189Contig1 697 5 0 U
RD McF0034E04-MGRbd1 365 0 0
RD McF0051N18-MGRbd1 572 0 0
RD McF0034E04-MGRbd2 415 0 0
RD McF0043P24-MGRbd1 722 0 0
RD McF0054D01-MGRbd1 665 0 0
CO CL190Contig1 810 5 0 U
RD McF0045P18-MGRbd1 430 0 0
RD McF0034J18-MGRbd1 644 0 0
RD McF0034J18-MGRbd2 612 0 0
RD McF0040L22-MGRbd1 437 0 0
RD McF0040I01-MGRbd1 597 0 0
CO CL191Contig1 462 2 0 U
RD McF0024D17-MGRbd2 468 0 0
RD McF0037M01-MGRbd1 194 0 0
CO CL191Contig2 726 2 0 U
RD McF0025B10-MGRbd2 403 0 0
RD McF0038E22-MGRbd1 726 0 0
CO CL192Contig1 598 5 0 U
RD McF0025H15-MGRbd1 82 0 0
RD McF0024O07-MGRbd1 202 0 0
RD McF0025H15-MGRbd2 383 0 0
RD McF0024O07-MGRbd2 557 0 0

RD McF0030E14-MGRbd1 570 0 0
CO CL193Contig1 673 5 0 U
RD McF0051E05-MGRbd1 252 0 0
RD McF0031K04-MGRbd1 640 0 0
RD McF0031H12-MGRbd1 665 0 0
RD McF0039B15-MGRbd1 611 0 0
RD McF0050B02-MGRbd1 674 0 0
CO CL194Contig1 1162 5 0 U
RD McF0021H10-MGRbd1 796 0 0
RD McF0037P20-MGRbd1 548 0 0
RD McF0023H04-MGRbd2 524 0 0
RD McF0027N10-MGRbd1 482 0 0
RD McF0053I13-MGRbd1 549 0 0
CO CL195Contig1 521 5 0 U
RD McF0037L16-MGRbd1 489 0 0
RD McF0048M07-MGRbd1 537 0 0
RD McF0054D20-MGRbd1 534 0 0
RD McF0025G18-MGRbd1 353 0 0
RD McF0025G18-MGRbd2 541 0 0
CO CL196Contig1 660 5 0 U
RD McF0042F21-MGRbd1 137 0 0
RD McF0053A16-MGRbd1 128 0 0
RD McF0055C09-MGRbd1 473 0 0
RD McF0053D21-MGRbd1 498 0 0
RD McF0021M13-MGRbd1 660 0 0
CO CL197Contig1 818 5 0 U
RD McF0050P09-MGRbd1 515 0 0
RD McF0055O10-MGRbd1 554 0 0
RD McF0050M03-MGRbd1 528 0 0
RD McF0052D05-MGRbd1 469 0 0
RD McF0053P04-MGRbd1 360 0 0
CO CL198Contig1 896 5 0 U
RD McF0041P15-MGRbd1 651 0 0
RD McF0045J01-MGRbd1 611 0 0
RD McF0054P12-MGRbd1 541 0 0
RD McF0054L05-MGRbd1 462 0 0
RD McF0052J05-MGRbd1 518 0 0
CO CL199Contig1 616 5 0 U
RD McF0024E15-MGRbd1 471 0 0
RD McF0053N21-MGRbd1 558 0 0
RD McF0043K16-MGRbd1 576 0 0
RD McF0024E15-MGRbd2 313 0 0
RD McF0048B21-MGRbd1 258 0 0
CO CL200Contig1 1063 5 0 U
RD McF0025M10-MGRbd2 648 0 0
RD McF0029D12-MGRbd1 428 0 0
RD McF0045B03-MGRbd1 693 0 0
RD McF0030H14-MGRbd1 409 0 0
RD McF0025N13-MGRbd2 545 0 0
CO CL201Contig1 664 5 0 U
RD McF0035F22-MGRbd1 563 0 0
RD McF0044G19-MGRbd1 540 0 0
RD McF0040F08-MGRbd1 544 0 0
RD McF0046A12-MGRbd1 252 0 0
RD McF0037N19-MGRbd1 466 0 0
CO CL202Contig1 563 5 0 U
RD McF0042C02-MGRbd1 435 0 0
RD McF0034G17-MGRbd1 546 0 0
RD McF0034G17-MGRbd2 537 0 0
RD McF0033J11-MGRbd1 470 0 0
RD McF0055B02-MGRbd1 537 0 0
CO CL203Contig1 1205 5 0 U
RD McF0024L05-MGRbd1 340 0 0

RD McF0024L05-MGRbd2 666 0 0
RD McF0042H23-MGRbd1 265 0 0
RD McF0042P06-MGRbd1 359 0 0
RD McF0039O18-MGRbd1 612 0 0
CO CL204Contig1 1138 5 0 U
RD McF0029N22-MGRbd1 680 0 0
RD McF0046J03-MGRbd1 144 0 0
RD McF0036F21-MGRbd1 654 0 0
RD McF0041O01-MGRbd1 610 0 0
RD McF0055D01-MGRbd1 616 0 0
CO CL205Contig1 635 5 0 U
RD McF0025G07-MGRbd2 570 0 0
RD McF0036A19-MGRbd1 245 0 0
RD McF0024P06-MGRbd1 641 0 0
RD McF0037D24-MGRbd1 401 0 0
RD McF0024P06-MGRbd2 537 0 0
CO CL206Contig1 1485 5 0 U
RD McF0022B08-MGRbd1 587 0 0
RD McF0036K24-MGRbd1 671 0 0
RD McF0035K08-MGRbd1 353 0 0
RD McF0025B07-MGRbd1 533 0 0
RD McF0025B07-MGRbd2 645 0 0
CO CL207Contig1 654 5 0 U
RD McF0025J21-MGRbd1 225 0 0
RD McF0026O04-MGRbd1 352 0 0
RD McF0032P02-MGRbd1 660 0 0
RD McF0053B08-MGRbd1 668 0 0
RD McF0025J21-MGRbd2 543 0 0
CO CL208Contig1 717 5 0 U
RD McF0021I06-MGRbd1 678 0 0
RD McF0023J06-MGRbd2 698 0 0
RD McF0030H11-MGRbd1 647 0 0
RD McF0047G12-MGRbd1 635 0 0
RD McF0023J06-MGRbd1 215 0 0
CO CL209Contig1 989 5 0 U
RD McF0023B07-MGRbd2 478 0 0
RD McF0023B07-MGRbd1 223 0 0
RD McF0036N16-MGRbd1 366 0 0
RD McF0038E08-MGRbd1 730 0 0
RD McF0033H15-MGRbd1 105 0 0
CO CL210Contig1 653 5 0 U
RD McF0049K24-MGRbd1 544 0 0
RD McF0021E09-MGRbd1 609 0 0
RD McF0055B04-MGRbd1 539 0 0
RD McF0024K07-MGRbd1 553 0 0
RD McF0024K07-MGRbd2 659 0 0
CO CL211Contig1 566 5 0 U
RD McF0021J16-MGRbd1 342 0 0
RD McF0048G06-MGRbd1 539 0 0
RD McF0035H01-MGRbd1 303 0 0
RD McF0028M22-MGRbd1 242 0 0
RD McF0030P20-MGRbd1 553 0 0
CO CL212Contig1 834 5 0 U
RD McF0027D22-MGRbd1 348 0 0
RD McF0036F05-MGRbd1 358 0 0
RD McF0043M06-MGRbd1 621 0 0
RD McF0034H05-MGRbd2 662 0 0
RD McF0034H05-MGRbd1 487 0 0
CO CL213Contig1 708 5 0 U
RD McF0025N21-MGRbd2 502 0 0
RD McF0032E16-MGRbd1 627 0 0
RD McF0054G16-MGRbd1 635 0 0
RD McF0053D24-MGRbd1 599 0 0

RD McF0049F09-MGRbd1 638 0 0
CO CL214Contig1 662 5 0 U
RD McF0034I24-MGRbd1 654 0 0
RD McF0034I24-MGRbd2 496 0 0
RD McF0052A22-MGRbd1 581 0 0
RD McF0054P16-MGRbd1 637 0 0
RD McF0039G24-MGRbd1 574 0 0
CO CL215Contig1 694 2 0 U
RD McF0033A15-MGRbd1 199 0 0
RD McF0022B06-MGRbd1 723 0 0
CO CL215Contig2 364 2 0 U
RD McF0051H08-MGRbd1 211 0 0
RD McF0053H23-MGRbd1 367 0 0
CO CL216Contig1 625 5 0 U
RD McF0036A03-MGRbd1 364 0 0
RD McF0023B24-MGRbd1 599 0 0
RD McF0026A13-MGRbd1 534 0 0
RD McF0036A13-MGRbd1 493 0 0
RD McF0023B24-MGRbd2 648 0 0
CO CL217Contig1 882 5 0 U
RD McF0023I24-MGRbd2 368 0 0
RD McF0023I18-MGRbd1 544 0 0
RD McF0023I24-MGRbd1 581 0 0
RD McF0023I18-MGRbd2 361 0 0
RD McF0044K06-MGRbd1 536 0 0
CO CL218Contig1 575 5 0 U
RD McF0037L21-MGRbd1 228 0 0
RD McF0022L08-MGRbd1 497 0 0
RD McF0023E22-MGRbd2 514 0 0
RD McF0023E22-MGRbd1 553 0 0
RD McF0030E23-MGRbd1 532 0 0
CO CL219Contig1 828 5 0 U
RD McF0023L22-MGRbd1 551 0 0
RD McF0023L22-MGRbd2 626 0 0
RD McF0030G06-MGRbd1 487 0 0
RD McF0027P08-MGRbd1 396 0 0
RD McF0048L21-MGRbd1 728 0 0
CO CL220Contig1 656 5 0 U
RD McF0034N13-MGRbd1 419 0 0
RD McF0053B11-MGRbd1 442 0 0
RD McF0025B21-MGRbd1 531 0 0
RD McF0034N13-MGRbd2 617 0 0
RD McF0037M12-MGRbd1 646 0 0
CO CL221Contig1 810 5 0 U
RD McF0031M15-MGRbd1 304 0 0
RD McF0052C21-MGRbd1 497 0 0
RD McF0039G12-MGRbd1 640 0 0
RD McF0029G21-MGRbd1 667 0 0
RD McF0050M15-MGRbd1 709 0 0
CO CL222Contig1 1186 5 0 U
RD McF0023F04-MGRbd2 523 0 0
RD McF0023F04-MGRbd1 752 0 0
RD McF0025L22-MGRbd2 468 0 0
RD McF0036H12-MGRbd1 657 0 0
RD McF0025L22-MGRbd1 493 0 0
CO CL223Contig1 656 5 0 U
RD McF0027J04-MGRbd1 344 0 0
RD McF0028O24-MGRbd1 419 0 0
RD McF0029D11-MGRbd1 470 0 0
RD McF0030D12-MGRbd1 206 0 0
RD McF0030O22-MGRbd1 639 0 0
CO CL224Contig1 703 5 0 U
RD McF0024B17-MGRbd2 520 0 0

RD McF0035O19-MGRbd1 525 0 0
RD McF0024A11-MGRbd1 536 0 0
RD McF0024A11-MGRbd2 578 0 0
RD McF0024B17-MGRbd1 703 0 0
CO CL225Contig1 829 5 0 U
RD McF0038M22-MGRbd1 574 0 0
RD McF0053I18-MGRbd1 616 0 0
RD McF0042N05-MGRbd1 541 0 0
RD McF0038L19-MGRbd1 564 0 0
RD McF0051M23-MGRbd1 566 0 0
CO CL226Contig1 758 5 0 U
RD McF0029C04-MGRbd1 598 0 0
RD McF0047G20-MGRbd1 470 0 0
RD McF0024A24-MGRbd1 706 0 0
RD McF0049J08-MGRbd1 637 0 0
RD McF0050F06-MGRbd1 622 0 0
CO CL227Contig1 675 5 0 U
RD McF0053J04-MGRbd1 566 0 0
RD McF0040A16-MGRbd1 547 0 0
RD McF0021A07-MGRbd1 630 0 0
RD McF0054E10-MGRbd1 596 0 0
RD McF0039O08-MGRbd1 686 0 0
CO CL228Contig1 592 5 0 U
RD McF0030I16-MGRbd1 589 0 0
RD McF0032N18-MGRbd1 563 0 0
RD McF0044I13-MGRbd1 564 0 0
RD McF0054N08-MGRbd1 515 0 0
RD McF0053J16-MGRbd1 507 0 0
CO CL229Contig1 652 5 0 U
RD McF0034D14-MGRbd1 383 0 0
RD McF0030O11-MGRbd1 380 0 0
RD McF0037G07-MGRbd1 667 0 0
RD McF0034D14-MGRbd2 636 0 0
RD McF0038O12-MGRbd1 665 0 0
CO CL230Contig1 762 5 0 U
RD McF0030J09-MGRbd1 537 0 0
RD McF0045G08-MGRbd1 454 0 0
RD McF0024M12-MGRbd1 519 0 0
RD McF0024M12-MGRbd2 635 0 0
RD McF0032B04-MGRbd1 440 0 0
CO CL231Contig1 744 5 0 U
RD McF0054E16-MGRbd1 471 0 0
RD McF0054L20-MGRbd1 468 0 0
RD McF0051A14-MGRbd1 551 0 0
RD McF0055D05-MGRbd1 545 0 0
RD McF0055P09-MGRbd1 758 0 0
CO CL232Contig1 683 5 0 U
RD McF0048P07-MGRbd1 248 0 0
RD McF0027N06-MGRbd1 602 0 0
RD McF0023N19-MGRbd2 273 0 0
RD McF0050C12-MGRbd1 638 0 0
RD McF0023N19-MGRbd1 531 0 0
CO CL233Contig1 671 3 0 U
RD McF0023K04-MGRbd2 447 0 0
RD McF0023K04-MGRbd1 676 0 0
RD McF0030E08-MGRbd1 658 0 0
CO CL234Contig1 602 5 0 U
RD McF0025G12-MGRbd1 230 0 0
RD McF0040L10-MGRbd1 588 0 0
RD McF0039M16-MGRbd1 493 0 0
RD McF0025G12-MGRbd2 576 0 0
RD McF0033B06-MGRbd1 595 0 0
CO CL235Contig1 653 5 0 U

RD McF0027L17-MGRbd1 630 0 0
RD McF0041N12-MGRbd1 596 0 0
RD McF0054E13-MGRbd1 611 0 0
RD McF0042L04-MGRbd1 361 0 0
RD McF0036P23-MGRbd1 530 0 0
CO CL236Contig1 559 2 0 U
RD McF0053N04-MGRbd1 485 0 0
RD McF0045D10-MGRbd1 577 0 0
CO CL236Contig2 593 3 0 U
RD McF0034L07-MGRbd2 371 0 0
RD McF0034L07-MGRbd1 469 0 0
RD McF0052H21-MGRbd1 601 0 0
CO CL237Contig1 695 5 0 U
RD McF0022K23-MGRbd1 392 0 0
RD McF0023C08-MGRbd1 643 0 0
RD McF0023D13-MGRbd2 654 0 0
RD McF0023C08-MGRbd2 633 0 0
RD McF0023D13-MGRbd1 718 0 0
CO CL238Contig1 1005 4 0 U
RD McF0035K13-MGRbd1 459 0 0
RD McF0033B05-MGRbd1 490 0 0
RD McF0051C16-MGRbd1 453 0 0
RD McF0051F21-MGRbd1 628 0 0
CO CL239Contig1 740 5 0 U
RD McF0024O24-MGRbd1 464 0 0
RD McF0024O24-MGRbd2 681 0 0
RD McF0023G04-MGRbd1 627 0 0
RD McF0023G04-MGRbd2 579 0 0
RD McF0044J04-MGRbd1 535 0 0
CO CL240Contig1 1605 5 0 U
RD McF0027D15-MGRbd1 611 0 0
RD McF0041O02-MGRbd1 587 0 0
RD McF0055G10-MGRbd1 684 0 0
RD McF0049C22-MGRbd1 514 0 0
RD McF0037N21-MGRbd1 372 0 0
CO CL241Contig1 592 5 0 U
RD McF0024I04-MGRbd1 83 0 0
RD McF0042D09-MGRbd1 527 0 0
RD McF0024I04-MGRbd2 593 0 0
RD McF0038I13-MGRbd1 598 0 0
RD McF0042C13-MGRbd1 606 0 0
CO CL242Contig1 752 5 0 U
RD McF0034C07-MGRbd1 333 0 0
RD McF0034C07-MGRbd2 325 0 0
RD McF0030N14-MGRbd1 348 0 0
RD McF0037N18-MGRbd1 697 0 0
RD McF0051C01-MGRbd1 216 0 0
CO CL243Contig1 757 5 0 U
RD McF0024I20-MGRbd1 418 0 0
RD McF0023I08-MGRbd2 655 0 0
RD McF0023I08-MGRbd1 679 0 0
RD McF0022G07-MGRbd1 633 0 0
RD McF0024I20-MGRbd2 654 0 0
CO CL244Contig1 644 5 0 U
RD McF0041F11-MGRbd1 497 0 0
RD McF0029L23-MGRbd1 498 0 0
RD McF0033N13-MGRbd1 412 0 0
RD McF0028P06-MGRbd1 412 0 0
RD McF0044A01-MGRbd1 365 0 0
CO CL245Contig1 857 5 0 U
RD McF0054P05-MGRbd1 694 0 0
RD McF0032L17-MGRbd1 456 0 0
RD McF0036H13-MGRbd1 621 0 0

RD McF0046F04-MGRbd1 595 0 0
RD McF0055J16-MGRbd1 679 0 0
CO CL246Contig1 1074 5 0 U
RD McF0049G20-MGRbd1 412 0 0
RD McF0043K22-MGRbd1 472 0 0
RD McF0022C22-MGRbd1 631 0 0
RD McF0029C02-MGRbd1 618 0 0
RD McF0051K18-MGRbd1 587 0 0
CO CL247Contig1 851 5 0 U
RD McF0046H12-MGRbd1 487 0 0
RD McF0037F23-MGRbd1 483 0 0
RD McF0042M09-MGRbd1 598 0 0
RD McF0035E24-MGRbd1 607 0 0
RD McF0055D11-MGRbd1 667 0 0
CO CL248Contig1 529 5 0 U
RD McF0026A06-MGRbd1 263 0 0
RD McF0022J09-MGRbd1 285 0 0
RD McF0035G08-MGRbd1 314 0 0
RD McF0054A24-MGRbd1 365 0 0
RD McF0033F24-MGRbd1 531 0 0
CO CL249Contig1 1175 5 0 U
RD McF0027E01-MGRbd1 506 0 0
RD McF0022H22-MGRbd1 560 0 0
RD McF0032C07-MGRbd1 409 0 0
RD McF0044M03-MGRbd1 562 0 0
RD McF0052D07-MGRbd1 627 0 0
CO CL250Contig1 628 5 0 U
RD McF0025C13-MGRbd2 557 0 0
RD McF0023D22-MGRbd1 620 0 0
RD McF0030L14-MGRbd1 530 0 0
RD McF0050N20-MGRbd1 582 0 0
RD McF0023D22-MGRbd2 372 0 0
CO CL251Contig1 669 2 0 U
RD McF0030M17-MGRbd1 520 0 0
RD McF0029G15-MGRbd1 680 0 0
CO CL251Contig2 568 3 0 U
RD McF0034O15-MGRbd2 374 0 0
RD McF0034O15-MGRbd1 547 0 0
RD McF0035L01-MGRbd1 506 0 0
CO CL252Contig1 1129 5 0 U
RD McF0034P10-MGRbd2 612 0 0
RD McF0022J20-MGRbd1 557 0 0
RD McF0034P10-MGRbd1 539 0 0
RD McF0021G04-MGRbd1 553 0 0
RD McF0053J15-MGRbd1 656 0 0
CO CL253Contig1 991 4 0 U
RD McF0023B13-MGRbd2 660 0 0
RD McF0023B13-MGRbd1 737 0 0
RD McF0045K22-MGRbd1 667 0 0
RD McF0047C16-MGRbd1 597 0 0
CO CL254Contig1 626 5 0 U
RD McF0024M13-MGRbd1 416 0 0
RD McF0023M11-MGRbd1 543 0 0
RD McF0024M13-MGRbd2 560 0 0
RD McF0023M11-MGRbd2 629 0 0
RD McF0026P18-MGRbd1 615 0 0
CO CL255Contig1 1133 5 0 U
RD McF0043A05-MGRbd1 291 0 0
RD McF0023O24-MGRbd1 638 0 0
RD McF0023O24-MGRbd2 553 0 0
RD McF0022N08-MGRbd1 611 0 0
RD McF0055I06-MGRbd1 621 0 0
CO CL256Contig1 1170 5 0 U

RD McF0041O03-MGRbd1 545 0 0
RD McF0043C17-MGRbd1 522 0 0
RD McF0034G14-MGRbd1 380 0 0
RD McF0034G14-MGRbd2 318 0 0
RD McF0049M05-MGRbd1 232 0 0
CO CL257Contig1 722 5 0 U
RD McF0035B08-MGRbd1 184 0 0
RD McF0035G09-MGRbd1 418 0 0
RD McF0053C16-MGRbd1 584 0 0
RD McF0045I03-MGRbd1 648 0 0
RD McF0049B03-MGRbd1 732 0 0
CO CL258Contig1 592 4 0 U
RD McF0041C22-MGRbd1 544 0 0
RD McF0038F18-MGRbd1 509 0 0
RD McF0047N04-MGRbd1 526 0 0
RD McF0047E17-MGRbd1 584 0 0
CO CL259Contig1 590 5 0 U
RD McF0033L01-MGRbd1 468 0 0
RD McF0027G07-MGRbd1 515 0 0
RD McF0039L10-MGRbd1 496 0 0
RD McF0048L01-MGRbd1 186 0 0
RD McF0055F19-MGRbd1 567 0 0
CO CL260Contig1 623 5 0 U
RD McF0046B14-MGRbd1 482 0 0
RD McF0047D02-MGRbd1 519 0 0
RD McF0021K04-MGRbd1 481 0 0
RD McF0036B08-MGRbd1 508 0 0
RD McF0048G03-MGRbd1 518 0 0
CO CL261Contig1 588 5 0 U
RD McF0043G18-MGRbd1 492 0 0
RD McF0028G13-MGRbd1 552 0 0
RD McF0037L02-MGRbd1 533 0 0
RD McF0040E23-MGRbd1 505 0 0
RD McF0044M01-MGRbd1 540 0 0
CO CL262Contig1 977 5 0 U
RD McF0024B04-MGRbd2 332 0 0
RD McF0031H13-MGRbd1 604 0 0
RD McF0050N10-MGRbd1 254 0 0
RD McF0021P24-MGRbd1 253 0 0
RD McF0032C17-MGRbd1 571 0 0
CO CL263Contig1 784 5 0 U
RD McF0024G21-MGRbd1 529 0 0
RD McF0024G21-MGRbd2 662 0 0
RD McF0026F20-MGRbd1 626 0 0
RD McF0023A05-MGRbd1 743 0 0
RD McF0028F19-MGRbd1 694 0 0
CO CL264Contig1 537 5 0 U
RD McF0027B22-MGRbd1 452 0 0
RD McF0023O11-MGRbd2 537 0 0
RD McF0055F11-MGRbd1 570 0 0
RD McF0023O11-MGRbd1 513 0 0
RD McF0048J07-MGRbd1 130 0 0
CO CL265Contig1 627 5 0 U
RD McF0034G19-MGRbd2 242 0 0
RD McF0034G19-MGRbd1 203 0 0
RD McF0052F22-MGRbd1 518 0 0
RD McF0038C06-MGRbd1 539 0 0
RD McF0052M07-MGRbd1 636 0 0
CO CL266Contig1 831 5 0 U
RD McF0023F02-MGRbd1 668 0 0
RD McF0023F02-MGRbd2 577 0 0
RD McF0039A08-MGRbd1 698 0 0
RD McF0032P24-MGRbd1 231 0 0

RD McF0031L09-MGRbd1 688 0 0
CO CL267Contig1 921 5 0 U
RD McF0040E17-MGRbd1 494 0 0
RD McF0048O18-MGRbd1 504 0 0
RD McF0045B01-MGRbd1 636 0 0
RD McF0045N07-MGRbd1 476 0 0
RD McF0046B09-MGRbd1 467 0 0
CO CL268Contig1 610 5 0 U
RD McF0054C06-MGRbd1 513 0 0
RD McF0052P04-MGRbd1 482 0 0
RD McF0024J19-MGRbd2 600 0 0
RD McF0024J19-MGRbd1 245 0 0
RD McF0038A07-MGRbd1 511 0 0
CO CL269Contig1 328 2 0 U
RD McF0024F16-MGRbd1 323 0 0
RD McF0024F16-MGRbd2 345 0 0
CO CL269Contig2 618 3 0 U
RD McF0048H20-MGRbd1 264 0 0
RD McF0039G18-MGRbd1 551 0 0
RD McF0040I05-MGRbd1 622 0 0
CO CL270Contig1 665 5 0 U
RD McF0033C23-MGRbd1 682 0 0
RD McF0024A15-MGRbd1 655 0 0
RD McF0035C07-MGRbd1 461 0 0
RD McF0024A15-MGRbd2 625 0 0
RD McF0040F15-MGRbd1 254 0 0
CO CL271Contig1 751 5 0 U
RD McF0043K18-MGRbd1 554 0 0
RD McF0047C13-MGRbd1 633 0 0
RD McF0049N01-MGRbd1 658 0 0
RD McF0052H17-MGRbd1 598 0 0
RD McF0048O09-MGRbd1 428 0 0
CO CL272Contig1 614 5 0 U
RD McF0035K17-MGRbd1 330 0 0
RD McF0037J04-MGRbd1 220 0 0
RD McF0040M06-MGRbd1 431 0 0
RD McF0047G08-MGRbd1 512 0 0
RD McF0054F20-MGRbd1 524 0 0
CO CL273Contig1 680 5 0 U
RD McF0034I15-MGRbd2 160 0 0
RD McF0021P21-MGRbd1 603 0 0
RD McF0026E11-MGRbd1 406 0 0
RD McF0034I15-MGRbd1 368 0 0
RD McF0044M20-MGRbd1 503 0 0
CO CL274Contig1 1038 5 0 U
RD McF0039F02-MGRbd1 199 0 0
RD McF0023H16-MGRbd2 586 0 0
RD McF0040O15-MGRbd1 631 0 0
RD McF0029G08-MGRbd1 694 0 0
RD McF0030G18-MGRbd1 405 0 0
CO CL275Contig1 553 5 0 U
RD McF0023P08-MGRbd2 176 0 0
RD McF0024B14-MGRbd1 529 0 0
RD McF0024B14-MGRbd2 524 0 0
RD McF0023P08-MGRbd1 486 0 0
RD McF0026E17-MGRbd1 526 0 0
CO CL276Contig1 918 5 0 U
RD McF0025J12-MGRbd1 327 0 0
RD McF0025J12-MGRbd2 381 0 0
RD McF0040K15-MGRbd1 277 0 0
RD McF0046M07-MGRbd1 624 0 0
RD McF0045L09-MGRbd1 567 0 0
CO CL277Contig1 346 2 0 U

RD McF0023E05-MGRbd1 327 0 0
RD McF0023E05-MGRbd2 350 0 0
CO CL277Contig2 584 3 0 U
RD McF0028E09-MGRbd1 178 0 0
RD McF0030P11-MGRbd1 429 0 0
RD McF0029G06-MGRbd1 298 0 0
CO CL278Contig1 494 5 0 U
RD McF0043O11-MGRbd1 288 0 0
RD McF0042M02-MGRbd1 180 0 0
RD McF0036B01-MGRbd1 467 0 0
RD McF0032B22-MGRbd1 431 0 0
RD McF0047F07-MGRbd1 286 0 0
CO CL279Contig1 578 5 0 U
RD McF0052A13-MGRbd1 525 0 0
RD McF0024G18-MGRbd2 570 0 0
RD McF0024G18-MGRbd1 206 0 0
RD McF0034F20-MGRbd2 493 0 0
RD McF0034F20-MGRbd1 457 0 0
CO CL280Contig1 608 3 0 U
RD McF0040I15-MGRbd1 342 0 0
RD McF0036H06-MGRbd1 501 0 0
RD McF0040P03-MGRbd1 611 0 0
CO CL281Contig1 669 5 0 U
RD McF0024F01-MGRbd2 649 0 0
RD McF0024F01-MGRbd1 229 0 0
RD McF0024N09-MGRbd2 651 0 0
RD McF0039F11-MGRbd1 513 0 0
RD McF0041G12-MGRbd1 600 0 0
CO CL282Contig1 512 5 0 U
RD McF0040M05-MGRbd1 493 0 0
RD McF0048D20-MGRbd1 472 0 0
RD McF0047G19-MGRbd1 465 0 0
RD McF0028J20-MGRbd1 325 0 0
RD McF0042C05-MGRbd1 180 0 0
CO CL283Contig1 1247 5 0 U
RD McF0026J05-MGRbd1 393 0 0
RD McF0047O18-MGRbd1 470 0 0
RD McF0027E12-MGRbd1 566 0 0
RD McF0038E05-MGRbd1 641 0 0
RD McF0038N12-MGRbd1 500 0 0
CO CL284Contig1 587 5 0 U
RD McF0027F19-MGRbd1 396 0 0
RD McF0027B24-MGRbd1 432 0 0
RD McF0053F10-MGRbd1 585 0 0
RD McF0055A02-MGRbd1 593 0 0
RD McF0031J04-MGRbd1 399 0 0
CO CL285Contig1 590 5 0 U
RD McF0028E19-MGRbd1 208 0 0
RD McF0029B08-MGRbd1 458 0 0
RD McF0027N21-MGRbd1 399 0 0
RD McF0045L05-MGRbd1 360 0 0
RD McF0035L02-MGRbd1 271 0 0
CO CL286Contig1 677 5 0 U
RD McF0026D01-MGRbd1 615 0 0
RD McF0032C21-MGRbd1 619 0 0
RD McF0042C23-MGRbd1 310 0 0
RD McF0046J08-MGRbd1 524 0 0
RD McF0042A17-MGRbd1 272 0 0
CO CL287Contig1 690 5 0 U
RD McF0025I06-MGRbd2 154 0 0
RD McF0037H19-MGRbd1 686 0 0
RD McF0039C02-MGRbd1 656 0 0
RD McF0046K02-MGRbd1 612 0 0

RD McF0043A13-MGRbd1 578 0 0
CO CL288Contig1 551 5 0 U
RD McF0038B05-MGRbd1 131 0 0
RD McF0031B19-MGRbd1 298 0 0
RD McF0053G06-MGRbd1 580 0 0
RD McF0050C14-MGRbd1 561 0 0
RD McF0054K06-MGRbd1 540 0 0
CO CL289Contig1 1116 5 0 U
RD McF0036F22-MGRbd1 539 0 0
RD McF0030O15-MGRbd1 535 0 0
RD McF0046L09-MGRbd1 798 0 0
RD McF0044F10-MGRbd1 90 0 0
RD McF0041G03-MGRbd1 675 0 0
CO CL290Contig1 620 5 0 U
RD McF0049D08-MGRbd1 528 0 0
RD McF0054L03-MGRbd1 571 0 0
RD McF0029L16-MGRbd1 541 0 0
RD McF0055B17-MGRbd1 538 0 0
RD McF0055N15-MGRbd1 635 0 0
CO CL291Contig1 644 5 0 U
RD McF0034O03-MGRbd2 480 0 0
RD McF0034O03-MGRbd1 493 0 0
RD McF0025L09-MGRbd2 542 0 0
RD McF0035D20-MGRbd1 478 0 0
RD McF0025L09-MGRbd1 96 0 0
CO CL292Contig1 713 5 0 U
RD McF0023E18-MGRbd1 670 0 0
RD McF0055H17-MGRbd1 600 0 0
RD McF0023E18-MGRbd2 602 0 0
RD McF0023H23-MGRbd2 627 0 0
RD McF0023H23-MGRbd1 591 0 0
CO CL293Contig1 877 4 0 U
RD McF0026F06-MGRbd1 637 0 0
RD McF0040J11-MGRbd1 648 0 0
RD McF0041G06-MGRbd1 684 0 0
RD McF0042G24-MGRbd1 643 0 0
CO CL294Contig1 673 4 0 U
RD McF0034P09-MGRbd1 241 0 0
RD McF0034P09-MGRbd2 328 0 0
RD McF0041C03-MGRbd1 445 0 0
RD McF0037I02-MGRbd1 679 0 0
CO CL295Contig1 717 4 0 U
RD McF0025F17-MGRbd1 271 0 0
RD McF0021H21-MGRbd1 671 0 0
RD McF0025F17-MGRbd2 649 0 0
RD McF0052P18-MGRbd1 605 0 0
CO CL296Contig1 625 3 0 U
RD McF0027N13-MGRbd1 606 0 0
RD McF0039D10-MGRbd1 630 0 0
RD McF0053K04-MGRbd1 551 0 0
CO CL297Contig1 736 4 0 U
RD McF0025E12-MGRbd1 513 0 0
RD McF0055O02-MGRbd1 658 0 0
RD McF0054P22-MGRbd1 628 0 0
RD McF0025E12-MGRbd2 722 0 0
CO CL298Contig1 726 4 0 U
RD McF0023J20-MGRbd1 674 0 0
RD McF0038D13-MGRbd1 578 0 0
RD McF0034E24-MGRbd2 603 0 0
RD McF0034E24-MGRbd1 720 0 0
CO CL299Contig1 434 3 0 U
RD McF0055A14-MGRbd1 413 0 0
RD McF0025E23-MGRbd2 175 0 0

RD McF0049B12-MGRbd1 434 0 0
CO CL300Contig1 634 4 0 U
RD McF0046D19-MGRbd1 500 0 0
RD McF0029G07-MGRbd1 635 0 0
RD McF0028B14-MGRbd1 618 0 0
RD McF0031N11-MGRbd1 622 0 0
CO CL301Contig1 734 4 0 U
RD McF0026I11-MGRbd1 611 0 0
RD McF0037H15-MGRbd1 623 0 0
RD McF0031B15-MGRbd1 681 0 0
RD McF0023F24-MGRbd1 738 0 0
CO CL302Contig1 981 4 0 U
RD McF0022O16-MGRbd1 720 0 0
RD McF0028A21-MGRbd1 523 0 0
RD McF0035J02-MGRbd1 679 0 0
RD McF0043K06-MGRbd1 570 0 0
CO CL303Contig1 826 4 0 U
RD McF0034D02-MGRbd2 435 0 0
RD McF0036L19-MGRbd1 500 0 0
RD McF0034D02-MGRbd1 495 0 0
RD McF0042E13-MGRbd1 715 0 0
CO CL304Contig1 782 4 0 U
RD McF0030G09-MGRbd1 557 0 0
RD McF0050B20-MGRbd1 323 0 0
RD McF0032P18-MGRbd1 170 0 0
RD McF0050L23-MGRbd1 644 0 0
CO CL305Contig1 675 4 0 U
RD McF0036G18-MGRbd1 392 0 0
RD McF0026M08-MGRbd1 647 0 0
RD McF0028M14-MGRbd1 525 0 0
RD McF0040F04-MGRbd1 674 0 0
CO CL306Contig1 267 4 0 U
RD McF0034C08-MGRbd1 112 0 0
RD McF0036B17-MGRbd1 227 0 0
RD McF0027I11-MGRbd1 228 0 0
RD McF0037E08-MGRbd1 280 0 0
CO CL307Contig1 672 4 0 U
RD McF0024C23-MGRbd1 583 0 0
RD McF0031A04-MGRbd1 592 0 0
RD McF0024C23-MGRbd2 659 0 0
RD McF0045I09-MGRbd1 663 0 0
CO CL308Contig1 684 4 0 U
RD McF0036M12-MGRbd1 372 0 0
RD McF0054O12-MGRbd1 598 0 0
RD McF0023N21-MGRbd1 662 0 0
RD McF0023N21-MGRbd2 590 0 0
CO CL309Contig1 625 4 0 U
RD McF0036A20-MGRbd1 587 0 0
RD McF0026P08-MGRbd1 517 0 0
RD McF0032C24-MGRbd1 653 0 0
RD McF0037L06-MGRbd1 545 0 0
CO CL310Contig1 648 4 0 U
RD McF0034D12-MGRbd1 360 0 0
RD McF0034D12-MGRbd2 447 0 0
RD McF0028N14-MGRbd1 371 0 0
RD McF0045K21-MGRbd1 619 0 0
CO CL311Contig1 676 4 0 U
RD McF0048P03-MGRbd1 236 0 0
RD McF0040A21-MGRbd1 668 0 0
RD McF0053H09-MGRbd1 546 0 0
RD McF0047J04-MGRbd1 550 0 0
CO CL312Contig1 498 4 0 U
RD McF0024C10-MGRbd1 368 0 0

RD McF0024J15-MGRbd1 490 0 0
RD McF0024J15-MGRbd2 474 0 0
RD McF0024C10-MGRbd2 412 0 0
CO CL313Contig1 767 4 0 U
RD McF0028L12-MGRbd1 371 0 0
RD McF0024D07-MGRbd1 559 0 0
RD McF0024D07-MGRbd2 625 0 0
RD McF0029B05-MGRbd1 733 0 0
CO CL314Contig1 287 4 0 U
RD McF0034P13-MGRbd1 287 0 0
RD McF0036O11-MGRbd1 266 0 0
RD McF0034P13-MGRbd2 211 0 0
RD McF0038K15-MGRbd1 536 0 0
CO CL315Contig1 683 4 0 U
RD McF0025F07-MGRbd2 370 0 0
RD McF0025F07-MGRbd1 440 0 0
RD McF0054G12-MGRbd1 684 0 0
RD McF0042H03-MGRbd1 311 0 0
CO CL316Contig1 951 4 0 U
RD McF0024B19-MGRbd1 609 0 0
RD McF0024B19-MGRbd2 297 0 0
RD McF0041K02-MGRbd1 653 0 0
RD McF0036H15-MGRbd1 328 0 0
CO CL317Contig1 791 4 0 U
RD McF0040M10-MGRbd1 671 0 0
RD McF0041N17-MGRbd1 662 0 0
RD McF0026I08-MGRbd1 674 0 0
RD McF0049C04-MGRbd1 764 0 0
CO CL318Contig1 673 4 0 U
RD McF0021N12-MGRbd1 527 0 0
RD McF0032O11-MGRbd1 567 0 0
RD McF0030P07-MGRbd1 496 0 0
RD McF0053A07-MGRbd1 544 0 0
CO CL319Contig1 667 4 0 U
RD McF0026M15-MGRbd1 352 0 0
RD McF0027L08-MGRbd1 312 0 0
RD McF0032P16-MGRbd1 431 0 0
RD McF0036O01-MGRbd1 248 0 0
CO CL320Contig1 593 3 0 U
RD McF0038P06-MGRbd1 480 0 0
RD McF0024I13-MGRbd1 561 0 0
RD McF0024I13-MGRbd2 577 0 0
CO CL321Contig1 617 4 0 U
RD McF0045G01-MGRbd1 519 0 0
RD McF0053D02-MGRbd1 534 0 0
RD McF0035D03-MGRbd1 497 0 0
RD McF0052H15-MGRbd1 445 0 0
CO CL322Contig1 851 4 0 U
RD McF0025N15-MGRbd1 510 0 0
RD McF0025N15-MGRbd2 617 0 0
RD McF0033C15-MGRbd1 558 0 0
RD McF0045F12-MGRbd1 567 0 0
CO CL323Contig1 670 3 0 U
RD McF0037P07-MGRbd1 496 0 0
RD McF0053L04-MGRbd1 503 0 0
RD McF0055L19-MGRbd1 609 0 0
CO CL324Contig1 787 4 0 U
RD McF0040I20-MGRbd1 584 0 0
RD McF0041D08-MGRbd1 620 0 0
RD McF0045K01-MGRbd1 665 0 0
RD McF0045C03-MGRbd1 792 0 0
CO CL325Contig1 698 4 0 U
RD McF0029E06-MGRbd1 638 0 0

RD McF0032J01-MGRbd1 566 0 0
RD McF0040P17-MGRbd1 526 0 0
RD McF0053N03-MGRbd1 467 0 0
CO CL326Contig1 557 4 0 U
RD McF0038N14-MGRbd1 461 0 0
RD McF0032M09-MGRbd1 96 0 0
RD McF0049F22-MGRbd1 173 0 0
RD McF0040K01-MGRbd1 560 0 0
CO CL327Contig1 650 4 0 U
RD McF0023P14-MGRbd2 635 0 0
RD McF0023P14-MGRbd1 643 0 0
RD McF0024I22-MGRbd2 447 0 0
RD McF0024I22-MGRbd1 428 0 0
CO CL328Contig1 535 4 0 U
RD McF0023H19-MGRbd2 527 0 0
RD McF0031I11-MGRbd1 486 0 0
RD McF0033G21-MGRbd1 434 0 0
RD McF0023H19-MGRbd1 205 0 0
CO CL329Contig1 643 4 0 U
RD McF0025N02-MGRbd1 248 0 0
RD McF0025N02-MGRbd2 642 0 0
RD McF0031O06-MGRbd1 392 0 0
RD McF0045C22-MGRbd1 550 0 0
CO CL330Contig1 621 4 0 U
RD McF0042P03-MGRbd1 252 0 0
RD McF0038B10-MGRbd1 561 0 0
RD McF0022I17-MGRbd1 472 0 0
RD McF0050K12-MGRbd1 601 0 0
CO CL331Contig1 517 4 0 U
RD McF0022K21-MGRbd1 521 0 0
RD McF0042L02-MGRbd1 211 0 0
RD McF0022K03-MGRbd1 491 0 0
RD McF0044B08-MGRbd1 516 0 0
CO CL332Contig1 701 4 0 U
RD McF0041I11-MGRbd1 108 0 0
RD McF0026D10-MGRbd1 668 0 0
RD McF0035G19-MGRbd1 244 0 0
RD McF0053F07-MGRbd1 561 0 0
CO CL333Contig1 483 4 0 U
RD McF0028O19-MGRbd1 261 0 0
RD McF0023O18-MGRbd1 390 0 0
RD McF0023O18-MGRbd2 496 0 0
RD McF0028F23-MGRbd1 475 0 0
CO CL334Contig1 619 4 0 U
RD McF0049G19-MGRbd1 525 0 0
RD McF0050M24-MGRbd1 533 0 0
RD McF0052A04-MGRbd1 522 0 0
RD McF0050D24-MGRbd1 623 0 0
CO CL335Contig1 488 4 0 U
RD McF0045E01-MGRbd1 451 0 0
RD McF0035F12-MGRbd1 459 0 0
RD McF0027P09-MGRbd1 450 0 0
RD McF0055E09-MGRbd1 507 0 0
CO CL336Contig1 671 4 0 U
RD McF0033F04-MGRbd1 291 0 0
RD McF0035K11-MGRbd1 283 0 0
RD McF0024G11-MGRbd1 697 0 0
RD McF0024G11-MGRbd2 663 0 0
CO CL337Contig1 364 4 0 U
RD McF0046E07-MGRbd1 287 0 0
RD McF0044D01-MGRbd1 380 0 0
RD McF0041P02-MGRbd1 349 0 0
RD McF0051J19-MGRbd1 347 0 0

CO CL338Contig1 735 4 0 U
RD McF0023N02-MGRbd2 605 0 0
RD McF0023N02-MGRbd1 581 0 0
RD McF0049K12-MGRbd1 568 0 0
RD McF0037M11-MGRbd1 518 0 0
CO CL339Contig1 504 2 0 U
RD McF0044I15-MGRbd1 231 0 0
RD McF0022O14-MGRbd1 508 0 0
CO CL339Contig2 348 2 0 U
RD McF0024A20-MGRbd1 364 0 0
RD McF0024A20-MGRbd2 337 0 0
CO CL340Contig1 594 4 0 U
RD McF0045K18-MGRbd1 271 0 0
RD McF0029G14-MGRbd1 296 0 0
RD McF0022E19-MGRbd1 460 0 0
RD McF0046D07-MGRbd1 607 0 0
CO CL341Contig1 722 3 0 U
RD McF0023C05-MGRbd1 653 0 0
RD McF0023C05-MGRbd2 629 0 0
RD McF0045B13-MGRbd1 302 0 0
CO CL342Contig1 560 4 0 U
RD McF0041B07-MGRbd1 346 0 0
RD McF0035K07-MGRbd1 510 0 0
RD McF0026J22-MGRbd1 555 0 0
RD McF0055L16-MGRbd1 588 0 0
CO CL343Contig1 629 4 0 U
RD McF0042D08-MGRbd1 293 0 0
RD McF0044H15-MGRbd1 299 0 0
RD McF0042F17-MGRbd1 530 0 0
RD McF0044M08-MGRbd1 629 0 0
CO CL344Contig1 663 4 0 U
RD McF0035O15-MGRbd1 636 0 0
RD McF0055M15-MGRbd1 592 0 0
RD McF0040F20-MGRbd1 557 0 0
RD McF0054B14-MGRbd1 583 0 0
CO CL345Contig1 705 4 0 U
RD McF0025B13-MGRbd2 690 0 0
RD McF0040K14-MGRbd1 548 0 0
RD McF0040K12-MGRbd1 209 0 0
RD McF0025B13-MGRbd1 476 0 0
CO CL346Contig1 653 4 0 U
RD McF0036H19-MGRbd1 556 0 0
RD McF0022I09-MGRbd1 625 0 0
RD McF0024M20-MGRbd2 389 0 0
RD McF0024M20-MGRbd1 242 0 0
CO CL347Contig1 243 4 0 U
RD McF0025D08-MGRbd1 92 0 0
RD McF0025D08-MGRbd2 245 0 0
RD McF0034F01-MGRbd1 260 0 0
RD McF0034F01-MGRbd2 253 0 0
CO CL348Contig1 816 4 0 U
RD McF0042M11-MGRbd1 564 0 0
RD McF0043J03-MGRbd1 608 0 0
RD McF0044L13-MGRbd1 689 0 0
RD McF0045C15-MGRbd1 721 0 0
CO CL349Contig1 397 4 0 U
RD McF0035B11-MGRbd1 338 0 0
RD McF0028A09-MGRbd1 328 0 0
RD McF0048K15-MGRbd1 406 0 0
RD McF0028P09-MGRbd1 378 0 0
CO CL350Contig1 679 4 0 U
RD McF0038D19-MGRbd1 499 0 0
RD McF0054E23-MGRbd1 475 0 0

RD McF0048B09-MGRbd1 243 0 0
RD McF0055G17-MGRbd1 609 0 0
CO CL351Contig1 593 4 0 U
RD McF0024L24-MGRbd1 243 0 0
RD McF0026A11-MGRbd1 498 0 0
RD McF0052C18-MGRbd1 598 0 0
RD McF0024L24-MGRbd2 555 0 0
CO CL352Contig1 633 4 0 U
RD McF0052C10-MGRbd1 526 0 0
RD McF0050K05-MGRbd1 493 0 0
RD McF0055E06-MGRbd1 564 0 0
RD McF0055G24-MGRbd1 641 0 0
CO CL353Contig1 708 4 0 U
RD McF0023K06-MGRbd2 267 0 0
RD McF0028B01-MGRbd1 546 0 0
RD McF0023K06-MGRbd1 644 0 0
RD McF0032K22-MGRbd1 687 0 0
CO CL354Contig1 1169 4 0 U
RD McF0022M02-MGRbd1 511 0 0
RD McF0035K16-MGRbd1 521 0 0
RD McF0023C19-MGRbd1 739 0 0
RD McF0023C19-MGRbd2 607 0 0
CO CL355Contig1 620 4 0 U
RD McF0048K11-MGRbd1 82 0 0
RD McF0035H05-MGRbd1 325 0 0
RD McF0055F23-MGRbd1 424 0 0
RD McF0053D11-MGRbd1 635 0 0
CO CL356Contig1 630 4 0 U
RD McF0046N24-MGRbd1 513 0 0
RD McF0028F01-MGRbd1 606 0 0
RD McF0040G01-MGRbd1 632 0 0
RD McF0026G14-MGRbd1 580 0 0
CO CL357Contig1 624 4 0 U
RD McF0035N02-MGRbd1 142 0 0
RD McF0023L17-MGRbd1 422 0 0
RD McF0023M01-MGRbd1 259 0 0
RD McF0023M01-MGRbd2 479 0 0
CO CL358Contig1 776 4 0 U
RD McF0023E07-MGRbd1 710 0 0
RD McF0045N09-MGRbd1 664 0 0
RD McF0023E07-MGRbd2 711 0 0
RD McF0031O12-MGRbd1 522 0 0
CO CL359Contig1 755 4 0 U
RD McF0021N22-MGRbd1 684 0 0
RD McF0037O16-MGRbd1 648 0 0
RD McF0023C09-MGRbd1 766 0 0
RD McF0023C09-MGRbd2 748 0 0
CO CL360Contig1 1039 4 0 U
RD McF0026M19-MGRbd1 469 0 0
RD McF0030L19-MGRbd1 596 0 0
RD McF0022A02-MGRbd1 620 0 0
RD McF0028P21-MGRbd1 537 0 0
CO CL361Contig1 723 4 0 U
RD McF0021D11-MGRbd1 697 0 0
RD McF0025M07-MGRbd2 499 0 0
RD McF0031C06-MGRbd1 565 0 0
RD McF0037D18-MGRbd1 637 0 0
CO CL362Contig1 698 4 0 U
RD McF0048F20-MGRbd1 469 0 0
RD McF0023M17-MGRbd2 630 0 0
RD McF0023M17-MGRbd1 692 0 0
RD McF0048F03-MGRbd1 693 0 0
CO CL363Contig1 932 4 0 U

RD McF0022J15-MGRbd1 613 0 0
RD McF0042J01-MGRbd1 513 0 0
RD McF0039G14-MGRbd1 108 0 0
RD McF0029P18-MGRbd1 485 0 0
CO CL364Contig1 671 4 0 U
RD McF0021B20-MGRbd1 506 0 0
RD McF0052O18-MGRbd1 408 0 0
RD McF0032J07-MGRbd1 119 0 0
RD McF0025E06-MGRbd2 143 0 0
CO CL365Contig1 684 3 0 U
RD McF0040O13-MGRbd1 502 0 0
RD McF0023G22-MGRbd2 687 0 0
RD McF0023G22-MGRbd1 676 0 0
CO CL366Contig1 699 4 0 U
RD McF0054L15-MGRbd1 529 0 0
RD McF0033N09-MGRbd1 491 0 0
RD McF0046D08-MGRbd1 580 0 0
RD McF0047B07-MGRbd1 533 0 0
CO CL367Contig1 891 4 0 U
RD McF0041J19-MGRbd1 107 0 0
RD McF0046E15-MGRbd1 248 0 0
RD McF0052G17-MGRbd1 620 0 0
RD McF0050E02-MGRbd1 659 0 0
CO CL368Contig1 707 4 0 U
RD McF0043K11-MGRbd1 186 0 0
RD McF0037K07-MGRbd1 301 0 0
RD McF0025G02-MGRbd2 674 0 0
RD McF0039C14-MGRbd1 606 0 0
CO CL369Contig1 228 4 0 U
RD McF0026O19-MGRbd1 96 0 0
RD McF0045O11-MGRbd1 230 0 0
RD McF0022D18-MGRbd1 426 0 0
RD McF0022B01-MGRbd1 226 0 0
CO CL370Contig1 1258 4 0 U
RD McF0025J16-MGRbd2 229 0 0
RD McF0025P03-MGRbd1 362 0 0
RD McF0037G09-MGRbd1 675 0 0
RD McF0027F22-MGRbd1 656 0 0
CO CL371Contig1 565 3 0 U
RD McF0034O08-MGRbd1 122 0 0
RD McF0036L20-MGRbd1 520 0 0
RD McF0055O18-MGRbd1 509 0 0
CO CL372Contig1 452 4 0 U
RD McF0036J06-MGRbd1 405 0 0
RD McF0023G19-MGRbd1 448 0 0
RD McF0038H16-MGRbd1 424 0 0
RD McF0041L18-MGRbd1 440 0 0
CO CL373Contig1 736 3 0 U
RD McF0049L19-MGRbd1 559 0 0
RD McF0055C04-MGRbd1 644 0 0
RD McF0055J05-MGRbd1 685 0 0
CO CL374Contig1 563 4 0 U
RD McF0043C15-MGRbd1 84 0 0
RD McF0030E07-MGRbd1 421 0 0
RD McF0048I08-MGRbd1 308 0 0
RD McF0052B18-MGRbd1 571 0 0
CO CL375Contig1 672 2 0 U
RD McF0034A14-MGRbd2 156 0 0
RD McF0034A14-MGRbd1 672 0 0
CO CL375Contig2 611 2 0 U
RD McF0046M01-MGRbd1 548 0 0
RD McF0046K23-MGRbd1 623 0 0
CO CL376Contig1 996 4 0 U

RD McF0029K09-MGRbd1 617 0 0
RD McF0054L13-MGRbd1 624 0 0
RD McF0049A11-MGRbd1 531 0 0
RD McF0021O17-MGRbd1 436 0 0
CO CL377Contig1 668 4 0 U
RD McF0025E11-MGRbd1 390 0 0
RD McF0025E11-MGRbd2 432 0 0
RD McF0024N02-MGRbd1 614 0 0
RD McF0024N02-MGRbd2 671 0 0
CO CL378Contig1 642 4 0 U
RD McF0034H11-MGRbd1 325 0 0
RD McF0039N07-MGRbd1 492 0 0
RD McF0034H11-MGRbd2 392 0 0
RD McF0043A16-MGRbd1 624 0 0
CO CL379Contig1 827 4 0 U
RD McF0042J17-MGRbd1 495 0 0
RD McF0034N11-MGRbd2 397 0 0
RD McF0053B24-MGRbd1 760 0 0
RD McF0034N11-MGRbd1 549 0 0
CO CL380Contig1 817 4 0 U
RD McF0022B09-MGRbd1 745 0 0
RD McF0038H12-MGRbd1 661 0 0
RD McF0023M13-MGRbd1 709 0 0
RD McF0023M13-MGRbd2 695 0 0
CO CL381Contig1 820 4 0 U
RD McF0049B04-MGRbd1 327 0 0
RD McF0026N05-MGRbd1 373 0 0
RD McF0023F16-MGRbd1 732 0 0
RD McF0054K13-MGRbd1 669 0 0
CO CL382Contig1 884 3 0 U
RD McF0025I10-MGRbd1 377 0 0
RD McF0025I10-MGRbd2 668 0 0
RD McF0037C12-MGRbd1 650 0 0
CO CL383Contig1 676 4 0 U
RD McF0053L16-MGRbd1 115 0 0
RD McF0051I11-MGRbd1 661 0 0
RD McF0028K14-MGRbd1 490 0 0
RD McF0055B16-MGRbd1 599 0 0
CO CL384Contig1 795 4 0 U
RD McF0029B06-MGRbd1 547 0 0
RD McF0023D15-MGRbd2 628 0 0
RD McF0023D15-MGRbd1 696 0 0
RD McF0029L11-MGRbd1 420 0 0
CO CL385Contig1 655 3 0 U
RD McF0027H17-MGRbd1 162 0 0
RD McF0047F23-MGRbd1 520 0 0
RD McF0049E06-MGRbd1 579 0 0
CO CL386Contig1 580 4 0 U
RD McF0034B06-MGRbd2 414 0 0
RD McF0034B06-MGRbd1 197 0 0
RD McF0049K03-MGRbd1 588 0 0
RD McF0055H21-MGRbd1 582 0 0
CO CL387Contig1 674 4 0 U
RD McF0044H06-MGRbd1 209 0 0
RD McF0022J21-MGRbd1 659 0 0
RD McF0022A19-MGRbd1 622 0 0
RD McF0040N11-MGRbd1 669 0 0
CO CL388Contig1 1104 4 0 U
RD McF0040O01-MGRbd1 640 0 0
RD McF0022F11-MGRbd1 594 0 0
RD McF0030A24-MGRbd1 748 0 0
RD McF0049O03-MGRbd1 600 0 0
CO CL389Contig1 656 4 0 U

RD McF0026K05-MGRbd1 328 0 0
RD McF0024M24-MGRbd1 457 0 0
RD McF0024M24-MGRbd2 512 0 0
RD McF0055O09-MGRbd1 666 0 0
CO CL390Contig1 534 4 0 U
RD McF0029D13-MGRbd1 541 0 0
RD McF0048C24-MGRbd1 503 0 0
RD McF0034J01-MGRbd2 534 0 0
RD McF0034J01-MGRbd1 508 0 0
CO CL391Contig1 663 4 0 U
RD McF0044C09-MGRbd1 525 0 0
RD McF0051B07-MGRbd1 562 0 0
RD McF0047L05-MGRbd1 640 0 0
RD McF0045G12-MGRbd1 666 0 0
CO CL392Contig1 614 4 0 U
RD McF0047L04-MGRbd1 466 0 0
RD McF0052E07-MGRbd1 570 0 0
RD McF0054K02-MGRbd1 576 0 0
RD McF0040F24-MGRbd1 621 0 0
CO CL393Contig1 655 4 0 U
RD McF0024F21-MGRbd1 632 0 0
RD McF0028B20-MGRbd1 629 0 0
RD McF0024F21-MGRbd2 575 0 0
RD McF0052I04-MGRbd1 595 0 0
CO CL394Contig1 500 4 0 U
RD McF0030C06-MGRbd1 479 0 0
RD McF0050E18-MGRbd1 503 0 0
RD McF0048G24-MGRbd1 477 0 0
RD McF0048J06-MGRbd1 483 0 0
CO CL395Contig1 493 4 0 U
RD McF0034O23-MGRbd1 482 0 0
RD McF0034O23-MGRbd2 359 0 0
RD McF0039J16-MGRbd1 469 0 0
RD McF0037I14-MGRbd1 477 0 0
CO CL396Contig1 708 4 0 U
RD McF0023C13-MGRbd1 90 0 0
RD McF0035N23-MGRbd1 522 0 0
RD McF0023C13-MGRbd2 637 0 0
RD McF0031M23-MGRbd1 538 0 0
CO CL397Contig1 524 4 0 U
RD McF0054A12-MGRbd1 334 0 0
RD McF0052F23-MGRbd1 450 0 0
RD McF0052N01-MGRbd1 526 0 0
RD McF0054D17-MGRbd1 521 0 0
CO CL398Contig1 681 4 0 U
RD McF0032M21-MGRbd1 278 0 0
RD McF0038L17-MGRbd1 578 0 0
RD McF0039K02-MGRbd1 683 0 0
RD McF0038B21-MGRbd1 670 0 0
CO CL399Contig1 562 2 0 U
RD McF0050B22-MGRbd1 475 0 0
RD McF0051F10-MGRbd1 587 0 0
CO CL400Contig1 633 3 0 U
RD McF0034D01-MGRbd1 624 0 0
RD McF0034D01-MGRbd2 604 0 0
RD McF0035C08-MGRbd1 613 0 0
CO CL401Contig1 737 4 0 U
RD McF0030I18-MGRbd1 403 0 0
RD McF0035N18-MGRbd1 486 0 0
RD McF0046E12-MGRbd1 361 0 0
RD McF0039J24-MGRbd1 386 0 0
CO CL402Contig1 627 4 0 U
RD McF0025K12-MGRbd1 300 0 0

RD McF0021H05-MGRbd1 456 0 0
RD McF0021G09-MGRbd1 566 0 0
RD McF0025K12-MGRbd2 627 0 0
CO CL403Contig1 802 4 0 U
RD McF0024C06-MGRbd2 653 0 0
RD McF0025F01-MGRbd1 470 0 0
RD McF0025F01-MGRbd2 732 0 0
RD McF0027L24-MGRbd1 439 0 0
CO CL404Contig1 669 4 0 U
RD McF0025E03-MGRbd2 626 0 0
RD McF0025E03-MGRbd1 401 0 0
RD McF0038A09-MGRbd1 510 0 0
RD McF0049L08-MGRbd1 636 0 0
CO CL405Contig1 503 4 0 U
RD McF0037N02-MGRbd1 650 0 0
RD McF0022I13-MGRbd1 696 0 0
RD McF0030E22-MGRbd1 521 0 0
RD McF0027H10-MGRbd1 458 0 0
CO CL406Contig1 677 4 0 U
RD McF0025J01-MGRbd2 656 0 0
RD McF0025J01-MGRbd1 364 0 0
RD McF0041O17-MGRbd1 523 0 0
RD McF0032G19-MGRbd1 598 0 0
CO CL407Contig1 709 4 0 U
RD McF0036P08-MGRbd1 81 0 0
RD McF0028D17-MGRbd1 706 0 0
RD McF0030A21-MGRbd1 604 0 0
RD McF0049N04-MGRbd1 464 0 0
CO CL408Contig1 537 3 0 U
RD McF0034E15-MGRbd1 567 0 0
RD McF0034E15-MGRbd2 530 0 0
RD McF0036H20-MGRbd1 526 0 0
CO CL409Contig1 1152 4 0 U
RD McF0022I23-MGRbd1 364 0 0
RD McF0032J14-MGRbd1 242 0 0
RD McF0047I21-MGRbd1 708 0 0
RD McF0046N19-MGRbd1 630 0 0
CO CL410Contig1 621 4 0 U
RD McF0023P13-MGRbd1 237 0 0
RD McF0049N06-MGRbd1 576 0 0
RD McF0023P13-MGRbd2 514 0 0
RD McF0051A02-MGRbd1 636 0 0
CO CL411Contig1 491 4 0 U
RD McF0041D22-MGRbd1 647 0 0
RD McF0033F03-MGRbd1 354 0 0
RD McF0034C24-MGRbd2 512 0 0
RD McF0034C24-MGRbd1 485 0 0
CO CL412Contig1 863 4 0 U
RD McF0027H01-MGRbd1 556 0 0
RD McF0030E06-MGRbd1 581 0 0
RD McF0023A03-MGRbd1 750 0 0
RD McF0039I08-MGRbd1 616 0 0
CO CL413Contig1 705 4 0 U
RD McF0026I22-MGRbd1 373 0 0
RD McF0032C22-MGRbd1 704 0 0
RD McF0036O03-MGRbd1 677 0 0
RD McF0030I17-MGRbd1 517 0 0
CO CL414Contig1 701 4 0 U
RD McF0036J18-MGRbd1 166 0 0
RD McF0021I11-MGRbd1 679 0 0
RD McF0040J08-MGRbd1 646 0 0
RD McF0052A20-MGRbd1 344 0 0
CO CL415Contig1 768 4 0 U

RD McF0036B04-MGRbd1 669 0 0
RD McF0038K23-MGRbd1 652 0 0
RD McF0038B17-MGRbd1 616 0 0
RD McF0035N05-MGRbd1 276 0 0
CO CL416Contig1 650 4 0 U
RD McF0055L24-MGRbd1 485 0 0
RD McF0024B01-MGRbd2 534 0 0
RD McF0024J06-MGRbd2 656 0 0
RD McF0041N10-MGRbd1 638 0 0
CO CL417Contig1 670 4 0 U
RD McF0052M16-MGRbd1 334 0 0
RD McF0035E05-MGRbd1 399 0 0
RD McF0022G09-MGRbd1 651 0 0
RD McF0024B21-MGRbd2 656 0 0
CO CL418Contig1 1042 4 0 U
RD McF0030N22-MGRbd1 471 0 0
RD McF0050L07-MGRbd1 485 0 0
RD McF0033E10-MGRbd1 496 0 0
RD McF0039O02-MGRbd1 708 0 0
CO CL419Contig1 591 4 0 U
RD McF0025G19-MGRbd1 236 0 0
RD McF0025G19-MGRbd2 356 0 0
RD McF0024P18-MGRbd1 592 0 0
RD McF0024P18-MGRbd2 551 0 0
CO CL420Contig1 567 4 0 U
RD McF0034M20-MGRbd1 429 0 0
RD McF0034M20-MGRbd2 481 0 0
RD McF0054H06-MGRbd1 473 0 0
RD McF0036L24-MGRbd1 573 0 0
CO CL421Contig1 706 4 0 U
RD McF0034I05-MGRbd1 480 0 0
RD McF0034I05-MGRbd2 574 0 0
RD McF0036I01-MGRbd1 689 0 0
RD McF0050O08-MGRbd1 641 0 0
CO CL422Contig1 377 4 0 U
RD McF0039B09-MGRbd1 610 0 0
RD McF0024B18-MGRbd2 296 0 0
RD McF0024B18-MGRbd1 239 0 0
RD McF0039K05-MGRbd1 377 0 0
CO CL423Contig1 764 4 0 U
RD McF0023G15-MGRbd2 376 0 0
RD McF0023O05-MGRbd1 765 0 0
RD McF0023G15-MGRbd1 615 0 0
RD McF0023O05-MGRbd2 544 0 0
CO CL424Contig1 604 3 0 U
RD McF0033B03-MGRbd1 581 0 0
RD McF0033P09-MGRbd1 548 0 0
RD McF0038C13-MGRbd1 600 0 0
CO CL425Contig1 771 4 0 U
RD McF0022H09-MGRbd1 709 0 0
RD McF0034E05-MGRbd1 169 0 0
RD McF0046E05-MGRbd1 695 0 0
RD McF0021N03-MGRbd1 648 0 0
CO CL426Contig1 729 4 0 U
RD McF0023E21-MGRbd2 645 0 0
RD McF0023E21-MGRbd1 659 0 0
RD McF0027N24-MGRbd1 536 0 0
RD McF0048B23-MGRbd1 658 0 0
CO CL427Contig1 657 4 0 U
RD McF0025G21-MGRbd1 323 0 0
RD McF0024P22-MGRbd1 482 0 0
RD McF0024P22-MGRbd2 657 0 0
RD McF0025G21-MGRbd2 621 0 0

CO CL428Contig1 770 4 0 U
RD McF0034O01-MGRbd2 514 0 0
RD McF0022I01-MGRbd1 668 0 0
RD McF0034O01-MGRbd1 730 0 0
RD McF0026B16-MGRbd1 668 0 0
CO CL429Contig1 627 4 0 U
RD McF0042I14-MGRbd1 567 0 0
RD McF0033A21-MGRbd1 625 0 0
RD McF0042L05-MGRbd1 478 0 0
RD McF0044N21-MGRbd1 454 0 0
CO CL430Contig1 678 4 0 U
RD McF0025P16-MGRbd2 633 0 0
RD McF0051B13-MGRbd1 557 0 0
RD McF0025P16-MGRbd1 484 0 0
RD McF0030K10-MGRbd1 566 0 0
CO CL431Contig1 621 4 0 U
RD McF0040N18-MGRbd1 517 0 0
RD McF0023E04-MGRbd1 554 0 0
RD McF0023E04-MGRbd2 582 0 0
RD McF0052F01-MGRbd1 579 0 0
CO CL432Contig1 683 4 0 U
RD McF0027J20-MGRbd1 299 0 0
RD McF0051K03-MGRbd1 641 0 0
RD McF0026I09-MGRbd1 666 0 0
RD McF0035D15-MGRbd1 657 0 0
CO CL433Contig1 1082 4 0 U
RD McF0021M07-MGRbd1 567 0 0
RD McF0022H12-MGRbd1 663 0 0
RD McF0037B05-MGRbd1 616 0 0
RD McF0039B01-MGRbd1 662 0 0
CO CL434Contig1 847 4 0 U
RD McF0036B05-MGRbd1 259 0 0
RD McF0036B03-MGRbd1 354 0 0
RD McF0032K03-MGRbd1 636 0 0
RD McF0049P19-MGRbd1 577 0 0
CO CL435Contig1 654 4 0 U
RD McF0029K22-MGRbd1 668 0 0
RD McF0022B12-MGRbd1 623 0 0
RD McF0053E18-MGRbd1 626 0 0
RD McF0031M10-MGRbd1 634 0 0
CO CL436Contig1 848 4 0 U
RD McF0027A07-MGRbd1 512 0 0
RD McF0023H13-MGRbd2 523 0 0
RD McF0023H13-MGRbd1 544 0 0
RD McF0039H01-MGRbd1 561 0 0
CO CL437Contig1 821 4 0 U
RD McF0025P09-MGRbd1 287 0 0
RD McF0036P02-MGRbd1 683 0 0
RD McF0025K10-MGRbd2 625 0 0
RD McF0030I15-MGRbd1 566 0 0
CO CL438Contig1 753 4 0 U
RD McF0024E08-MGRbd2 513 0 0
RD McF0024E08-MGRbd1 546 0 0
RD McF0023I07-MGRbd1 712 0 0
RD McF0023I07-MGRbd2 758 0 0
CO CL439Contig1 595 4 0 U
RD McF0051L16-MGRbd1 332 0 0
RD McF0025N07-MGRbd1 377 0 0
RD McF0025N07-MGRbd2 604 0 0
RD McF0038A20-MGRbd1 574 0 0
CO CL440Contig1 586 4 0 U
RD McF0039L02-MGRbd1 298 0 0
RD McF0040D17-MGRbd1 500 0 0

RD McF0032E08-MGRbd1 453 0 0
RD McF0046G01-MGRbd1 598 0 0
CO CL441Contig1 653 4 0 U
RD McF0033H12-MGRbd1 598 0 0
RD McF0041P06-MGRbd1 640 0 0
RD McF0036E03-MGRbd1 651 0 0
RD McF0030D19-MGRbd1 510 0 0
CO CL442Contig1 670 4 0 U
RD McF0030M01-MGRbd1 535 0 0
RD McF0055M14-MGRbd1 627 0 0
RD McF0053O10-MGRbd1 587 0 0
RD McF0052L24-MGRbd1 681 0 0
CO CL443Contig1 659 4 0 U
RD McF0036P24-MGRbd1 661 0 0
RD McF0030M16-MGRbd1 653 0 0
RD McF0036J13-MGRbd1 486 0 0
RD McF0038O14-MGRbd1 518 0 0
CO CL444Contig1 536 4 0 U
RD McF0025B08-MGRbd1 99 0 0
RD McF0052C13-MGRbd1 522 0 0
RD McF0054G14-MGRbd1 540 0 0
RD McF0025B08-MGRbd2 415 0 0
CO CL445Contig1 683 4 0 U
RD McF0048I23-MGRbd1 625 0 0
RD McF0048G11-MGRbd1 621 0 0
RD McF0037O03-MGRbd1 679 0 0
RD McF0052P05-MGRbd1 639 0 0
CO CL446Contig1 726 4 0 U
RD McF0025N12-MGRbd1 283 0 0
RD McF0037C13-MGRbd1 709 0 0
RD McF0025N12-MGRbd2 621 0 0
RD McF0051I19-MGRbd1 596 0 0
CO CL447Contig1 640 4 0 U
RD McF0025E14-MGRbd1 169 0 0
RD McF0047K07-MGRbd1 586 0 0
RD McF0025E14-MGRbd2 625 0 0
RD McF0054I08-MGRbd1 633 0 0
CO CL448Contig1 456 4 0 U
RD McF0052E22-MGRbd1 159 0 0
RD McF0021N06-MGRbd1 302 0 0
RD McF0044M12-MGRbd1 401 0 0
RD McF0027G18-MGRbd1 475 0 0
CO CL449Contig1 1238 4 0 U
RD McF0038K16-MGRbd1 562 0 0
RD McF0034G07-MGRbd1 596 0 0
RD McF0033M10-MGRbd1 550 0 0
RD McF0052P16-MGRbd1 628 0 0
CO CL450Contig1 1245 3 0 U
RD McF0026C24-MGRbd1 519 0 0
RD McF0039A11-MGRbd1 489 0 0
RD McF0055H10-MGRbd1 733 0 0
CO CL451Contig1 599 4 0 U
RD McF0021P19-MGRbd1 594 0 0
RD McF0030P05-MGRbd1 572 0 0
RD McF0024E20-MGRbd2 570 0 0
RD McF0024E20-MGRbd1 274 0 0
CO CL452Contig1 611 4 0 U
RD McF0052L17-MGRbd1 578 0 0
RD McF0043O12-MGRbd1 455 0 0
RD McF0035N06-MGRbd1 533 0 0
RD McF0055D08-MGRbd1 590 0 0
CO CL453Contig1 809 4 0 U
RD McF0037C24-MGRbd1 464 0 0

RD McF0044O06-MGRbd1 476 0 0
RD McF0022M06-MGRbd1 441 0 0
RD McF0037L14-MGRbd1 581 0 0
CO CL454Contig1 786 3 0 U
RD McF0034J20-MGRbd1 176 0 0
RD McF0027H12-MGRbd1 507 0 0
RD McF0042M20-MGRbd1 584 0 0
CO CL455Contig1 737 4 0 U
RD McF0028E01-MGRbd1 232 0 0
RD McF0023P17-MGRbd1 719 0 0
RD McF0055C08-MGRbd1 421 0 0
RD McF0044J14-MGRbd1 351 0 0
CO CL456Contig1 839 4 0 U
RD McF0027P16-MGRbd1 484 0 0
RD McF0021N01-MGRbd1 579 0 0
RD McF0029A04-MGRbd1 660 0 0
RD McF0052E21-MGRbd1 643 0 0
CO CL457Contig1 505 4 0 U
RD McF0023J05-MGRbd2 491 0 0
RD McF0045E08-MGRbd1 418 0 0
RD McF0029J03-MGRbd1 241 0 0
RD McF0023J05-MGRbd1 171 0 0
CO CL458Contig1 986 3 0 U
RD McF0039I19-MGRbd1 623 0 0
RD McF0045B10-MGRbd1 576 0 0
RD McF0032L20-MGRbd1 547 0 0
CO CL459Contig1 641 4 0 U
RD McF0055A09-MGRbd1 568 0 0
RD McF0024G05-MGRbd1 569 0 0
RD McF0052O16-MGRbd1 647 0 0
RD McF0024G05-MGRbd2 595 0 0
CO CL460Contig1 665 4 0 U
RD McF0025G24-MGRbd2 649 0 0
RD McF0025G24-MGRbd1 446 0 0
RD McF0051B01-MGRbd1 585 0 0
RD McF0045I15-MGRbd1 666 0 0
CO CL461Contig1 795 4 0 U
RD McF0023J21-MGRbd2 226 0 0
RD McF0023H21-MGRbd1 342 0 0
RD McF0027I09-MGRbd1 426 0 0
RD McF0034A11-MGRbd1 584 0 0
CO CL462Contig1 732 4 0 U
RD McF0054N09-MGRbd1 510 0 0
RD McF0040P14-MGRbd1 727 0 0
RD McF0037C14-MGRbd1 710 0 0
RD McF0048A11-MGRbd1 442 0 0
CO CL463Contig1 791 4 0 U
RD McF0028A20-MGRbd1 548 0 0
RD McF0042A06-MGRbd1 458 0 0
RD McF0052F11-MGRbd1 677 0 0
RD McF0041I02-MGRbd1 717 0 0
CO CL464Contig1 686 4 0 U
RD McF0032P06-MGRbd1 653 0 0
RD McF0038H09-MGRbd1 585 0 0
RD McF0043C10-MGRbd1 610 0 0
RD McF0039I09-MGRbd1 698 0 0
CO CL465Contig1 647 4 0 U
RD McF0045P12-MGRbd1 262 0 0
RD McF0053L07-MGRbd1 647 0 0
RD McF0051P10-MGRbd1 512 0 0
RD McF0054H14-MGRbd1 345 0 0
CO CL466Contig1 673 4 0 U
RD McF0034G21-MGRbd2 291 0 0

RD McF0034G21-MGRbd1 494 0 0
RD McF0024L12-MGRbd1 165 0 0
RD McF0024L12-MGRbd2 689 0 0
CO CL467Contig1 641 4 0 U
RD McF0024N06-MGRbd2 654 0 0
RD McF0024N06-MGRbd1 365 0 0
RD McF0025E13-MGRbd2 559 0 0
RD McF0025E13-MGRbd1 329 0 0
CO CL468Contig1 688 4 0 U
RD McF0025O09-MGRbd1 252 0 0
RD McF0025O09-MGRbd2 680 0 0
RD McF0030N16-MGRbd1 613 0 0
RD McF0047H09-MGRbd1 590 0 0
CO CL469Contig1 1239 3 0 U
RD McF0037E20-MGRbd1 384 0 0
RD McF0037H09-MGRbd1 587 0 0
RD McF0046I06-MGRbd1 566 0 0
CO CL470Contig1 617 4 0 U
RD McF0023A16-MGRbd1 593 0 0
RD McF0041H23-MGRbd1 157 0 0
RD McF0033E24-MGRbd1 573 0 0
RD McF0045C12-MGRbd1 610 0 0
CO CL471Contig1 809 4 0 U
RD McF0025P06-MGRbd1 246 0 0
RD McF0053P16-MGRbd1 256 0 0
RD McF0022G12-MGRbd1 692 0 0
RD McF0043B04-MGRbd1 558 0 0
CO CL472Contig1 781 4 0 U
RD McF0034L02-MGRbd2 436 0 0
RD McF0034L02-MGRbd1 583 0 0
RD McF0039M17-MGRbd1 759 0 0
RD McF0041P23-MGRbd1 654 0 0
CO CL473Contig1 1096 4 0 U
RD McF0035P10-MGRbd1 332 0 0
RD McF0023D10-MGRbd1 539 0 0
RD McF0023D10-MGRbd2 500 0 0
RD McF0044K20-MGRbd1 526 0 0
CO CL474Contig1 925 4 0 U
RD McF0023E10-MGRbd2 381 0 0
RD McF0028C23-MGRbd1 414 0 0
RD McF0023E10-MGRbd1 758 0 0
RD McF0036K01-MGRbd1 345 0 0
CO CL475Contig1 679 4 0 U
RD McF0050N24-MGRbd1 469 0 0
RD McF0023M18-MGRbd2 641 0 0
RD McF0036C02-MGRbd1 609 0 0
RD McF0023M18-MGRbd1 685 0 0
CO CL476Contig1 1179 4 0 U
RD McF0039K08-MGRbd1 607 0 0
RD McF0039L04-MGRbd1 670 0 0
RD McF0054C21-MGRbd1 536 0 0
RD McF0049I24-MGRbd1 434 0 0
CO CL477Contig1 628 4 0 U
RD McF0023O08-MGRbd1 631 0 0
RD McF0023M22-MGRbd2 600 0 0
RD McF0023M22-MGRbd1 594 0 0
RD McF0023O08-MGRbd2 606 0 0
CO CL478Contig1 692 4 0 U
RD McF0025F23-MGRbd2 625 0 0
RD McF0043I18-MGRbd1 144 0 0
RD McF0046B16-MGRbd1 515 0 0
RD McF0044L14-MGRbd1 396 0 0
CO CL479Contig1 561 4 0 U

RD McF0034H20-MGRbd2 544 0 0
RD McF0029J14-MGRbd1 315 0 0
RD McF0034M17-MGRbd1 264 0 0
RD McF0036O19-MGRbd1 237 0 0
CO CL480Contig1 647 4 0 U
RD McF0037G17-MGRbd1 602 0 0
RD McF0046E01-MGRbd1 661 0 0
RD McF0052I09-MGRbd1 593 0 0
RD McF0043M21-MGRbd1 611 0 0
CO CL481Contig1 668 4 0 U
RD McF0025B11-MGRbd1 136 0 0
RD McF0053B03-MGRbd1 545 0 0
RD McF0050B11-MGRbd1 605 0 0
RD McF0055G14-MGRbd1 670 0 0
CO CL482Contig1 645 4 0 U
RD McF0025K01-MGRbd1 287 0 0
RD McF0025C23-MGRbd1 410 0 0
RD McF0025C23-MGRbd2 631 0 0
RD McF0025K01-MGRbd2 511 0 0
CO CL483Contig1 646 4 0 U
RD McF0035E06-MGRbd1 477 0 0
RD McF0042G03-MGRbd1 556 0 0
RD McF0024B23-MGRbd2 572 0 0
RD McF0024B23-MGRbd1 653 0 0
CO CL484Contig1 684 4 0 U
RD McF0031O23-MGRbd1 164 0 0
RD McF0025P21-MGRbd1 273 0 0
RD McF0036F13-MGRbd1 571 0 0
RD McF0029G03-MGRbd1 689 0 0
CO CL485Contig1 819 4 0 U
RD McF0022K06-MGRbd1 415 0 0
RD McF0026C02-MGRbd1 406 0 0
RD McF0023J16-MGRbd1 641 0 0
RD McF0023J16-MGRbd2 554 0 0
CO CL486Contig1 970 4 0 U
RD McF0025B24-MGRbd1 133 0 0
RD McF0025B24-MGRbd2 501 0 0
RD McF0021N17-MGRbd1 652 0 0
RD McF0050G13-MGRbd1 635 0 0
CO CL487Contig1 577 4 0 U
RD McF0054K19-MGRbd1 259 0 0
RD McF0050P12-MGRbd1 508 0 0
RD McF0032J15-MGRbd1 466 0 0
RD McF0054N06-MGRbd1 498 0 0
CO CL488Contig1 588 4 0 U
RD McF0040D19-MGRbd1 567 0 0
RD McF0048M06-MGRbd1 324 0 0
RD McF0041B16-MGRbd1 539 0 0
RD McF0042F15-MGRbd1 563 0 0
CO CL489Contig1 632 4 0 U
RD McF0028H18-MGRbd1 111 0 0
RD McF0024F02-MGRbd1 589 0 0
RD McF0036K16-MGRbd1 519 0 0
RD McF0024F02-MGRbd2 585 0 0
CO CL490Contig1 649 4 0 U
RD McF0036H05-MGRbd1 96 0 0
RD McF0047G22-MGRbd1 92 0 0
RD McF0045K19-MGRbd1 618 0 0
RD McF0047H08-MGRbd1 610 0 0
CO CL491Contig1 663 4 0 U
RD McF0034L19-MGRbd1 130 0 0
RD McF0048H17-MGRbd1 617 0 0
RD McF0049D17-MGRbd1 516 0 0

RD McF0054N13-MGRbd1 500 0 0
CO CL492Contig1 766 4 0 U
RD McF0021N15-MGRbd1 772 0 0
RD McF0032L19-MGRbd1 640 0 0
RD McF0036M03-MGRbd1 441 0 0
RD McF0046J24-MGRbd1 530 0 0
CO CL493Contig1 1117 4 0 U
RD McF0038G18-MGRbd1 612 0 0
RD McF0047B18-MGRbd1 621 0 0
RD McF0055G13-MGRbd1 652 0 0
RD McF0047K18-MGRbd1 579 0 0
CO CL494Contig1 721 2 0 U
RD McF0030K16-MGRbd1 599 0 0
RD McF0047G02-MGRbd1 599 0 0
CO CL495Contig1 767 4 0 U
RD McF0039H24-MGRbd1 551 0 0
RD McF0021A15-MGRbd1 757 0 0
RD McF0034G24-MGRbd1 577 0 0
RD McF0034G24-MGRbd2 608 0 0
CO CL496Contig1 788 4 0 U
RD McF0048O21-MGRbd1 179 0 0
RD McF0021D16-MGRbd1 791 0 0
RD McF0040B04-MGRbd1 609 0 0
RD McF0046H08-MGRbd1 392 0 0
CO CL497Contig1 739 4 0 U
RD McF0027D24-MGRbd1 170 0 0
RD McF0034B17-MGRbd2 577 0 0
RD McF0034B17-MGRbd1 604 0 0
RD McF0029L21-MGRbd1 747 0 0
CO CL498Contig1 647 4 0 U
RD McF0023E19-MGRbd2 646 0 0
RD McF0048J17-MGRbd1 651 0 0
RD McF0023E19-MGRbd1 610 0 0
RD McF0041H05-MGRbd1 574 0 0
CO CL499Contig1 673 4 0 U
RD McF0053B09-MGRbd1 558 0 0
RD McF0043M12-MGRbd1 490 0 0
RD McF0050M01-MGRbd1 355 0 0
RD McF0044B03-MGRbd1 675 0 0
CO CL500Contig1 541 4 0 U
RD McF0030G11-MGRbd1 285 0 0
RD McF0023E09-MGRbd1 547 0 0
RD McF0037N13-MGRbd1 554 0 0
RD McF0023E09-MGRbd2 550 0 0
CO CL501Contig1 842 4 0 U
RD McF0030J16-MGRbd1 343 0 0
RD McF0051E14-MGRbd1 89 0 0
RD McF0049G14-MGRbd1 304 0 0
RD McF0054L14-MGRbd1 588 0 0
CO CL502Contig1 668 4 0 U
RD McF0033J03-MGRbd1 384 0 0
RD McF0055M24-MGRbd1 515 0 0
RD McF0031O11-MGRbd1 342 0 0
RD McF0054B20-MGRbd1 331 0 0
CO CL503Contig1 423 3 0 U
RD McF0032I04-MGRbd1 182 0 0
RD McF0024B13-MGRbd2 422 0 0
RD McF0052E13-MGRbd1 316 0 0
CO CL504Contig1 499 4 0 U
RD McF0022P05-MGRbd1 332 0 0
RD McF0022E08-MGRbd1 437 0 0
RD McF0024P21-MGRbd1 504 0 0
RD McF0024P21-MGRbd2 275 0 0

CO CL505Contig1 619 4 0 U
RD McF0051C21-MGRbd1 476 0 0
RD McF0045H02-MGRbd1 546 0 0
RD McF0030N20-MGRbd1 537 0 0
RD McF0053P02-MGRbd1 610 0 0
CO CL506Contig1 417 4 0 U
RD McF0028A10-MGRbd1 182 0 0
RD McF0037F16-MGRbd1 436 0 0
RD McF0027C10-MGRbd1 394 0 0
RD McF0022L09-MGRbd1 523 0 0
CO CL507Contig1 607 4 0 U
RD McF0033P17-MGRbd1 198 0 0
RD McF0041K20-MGRbd1 310 0 0
RD McF0023O16-MGRbd2 543 0 0
RD McF0023O16-MGRbd1 616 0 0
CO CL508Contig1 957 3 0 U
RD McF0036P12-MGRbd1 467 0 0
RD McF0037L07-MGRbd1 732 0 0
RD McF0027F08-MGRbd1 89 0 0
CO CL509Contig1 658 4 0 U
RD McF0035C06-MGRbd1 612 0 0
RD McF0021O03-MGRbd1 601 0 0
RD McF0053P11-MGRbd1 605 0 0
RD McF0037P21-MGRbd1 303 0 0
CO CL510Contig1 757 4 0 U
RD McF0044N06-MGRbd1 432 0 0
RD McF0030A18-MGRbd1 599 0 0
RD McF0038M02-MGRbd1 616 0 0
RD McF0046O17-MGRbd1 465 0 0
CO CL511Contig1 750 4 0 U
RD McF0025I02-MGRbd2 653 0 0
RD McF0025I02-MGRbd1 230 0 0
RD McF0048C14-MGRbd1 529 0 0
RD McF0032D04-MGRbd1 627 0 0
CO CL512Contig1 759 4 0 U
RD McF0048E08-MGRbd1 746 0 0
RD McF0055M06-MGRbd1 579 0 0
RD McF0053J03-MGRbd1 603 0 0
RD McF0055D24-MGRbd1 517 0 0
CO CL513Contig1 631 3 0 U
RD McF0038K13-MGRbd1 558 0 0
RD McF0022N22-MGRbd1 585 0 0
RD McF0026B01-MGRbd1 637 0 0
CO CL514Contig1 550 3 0 U
RD McF0043F22-MGRbd1 592 0 0
RD McF0023I23-MGRbd1 542 0 0
RD McF0023I23-MGRbd2 449 0 0
CO CL515Contig1 474 3 0 U
RD McF0046M19-MGRbd1 458 0 0
RD McF0050N06-MGRbd1 470 0 0
RD McF0052D03-MGRbd1 474 0 0
CO CL516Contig1 669 3 0 U
RD McF0042K15-MGRbd1 576 0 0
RD McF0023M14-MGRbd2 581 0 0
RD McF0023M14-MGRbd1 691 0 0
CO CL517Contig1 619 3 0 U
RD McF0022C15-MGRbd1 611 0 0
RD McF0037P08-MGRbd1 491 0 0
RD McF0048J13-MGRbd1 451 0 0
CO CL518Contig1 812 3 0 U
RD McF0034P19-MGRbd1 559 0 0
RD McF0049C03-MGRbd1 566 0 0
RD McF0052J20-MGRbd1 608 0 0

CO CL519Contig1 636 3 0 U
RD McF0053E24-MGRbd1 430 0 0
RD McF0022C03-MGRbd1 531 0 0
RD McF0022L04-MGRbd1 599 0 0
CO CL520Contig1 505 3 0 U
RD McF0028D03-MGRbd1 360 0 0
RD McF0033P04-MGRbd1 517 0 0
RD McF0032G08-MGRbd1 473 0 0
CO CL521Contig1 533 3 0 U
RD McF0048N06-MGRbd1 290 0 0
RD McF0039C24-MGRbd1 499 0 0
RD McF0040C19-MGRbd1 480 0 0
CO CL522Contig1 647 3 0 U
RD McF0050J04-MGRbd1 526 0 0
RD McF0034K04-MGRbd1 648 0 0
RD McF0034K04-MGRbd2 433 0 0
CO CL523Contig1 496 3 0 U
RD McF0024N17-MGRbd1 495 0 0
RD McF0043A17-MGRbd1 518 0 0
RD McF0024N17-MGRbd2 493 0 0
CO CL524Contig1 713 3 0 U
RD McF0025M01-MGRbd1 435 0 0
RD McF0031I12-MGRbd1 471 0 0
RD McF0025M01-MGRbd2 703 0 0
CO CL525Contig1 681 3 0 U
RD McF0024J05-MGRbd1 563 0 0
RD McF0030C10-MGRbd1 493 0 0
RD McF0024J05-MGRbd2 673 0 0
CO CL526Contig1 633 3 0 U
RD McF0023J09-MGRbd2 413 0 0
RD McF0023J09-MGRbd1 621 0 0
RD McF0033I22-MGRbd1 579 0 0
CO CL527Contig1 402 3 0 U
RD McF0029I12-MGRbd1 146 0 0
RD McF0024A18-MGRbd1 293 0 0
RD McF0026M12-MGRbd1 404 0 0
CO CL528Contig1 906 3 0 U
RD McF0025L07-MGRbd2 548 0 0
RD McF0033I23-MGRbd1 477 0 0
RD McF0033M13-MGRbd1 492 0 0
CO CL529Contig1 577 3 0 U
RD McF0024C16-MGRbd1 457 0 0
RD McF0025N10-MGRbd1 424 0 0
RD McF0024C16-MGRbd2 578 0 0
CO CL530Contig1 594 3 0 U
RD McF0039E19-MGRbd1 482 0 0
RD McF0051N17-MGRbd1 558 0 0
RD McF0054M02-MGRbd1 572 0 0
CO CL531Contig1 466 3 0 U
RD McF0024C04-MGRbd1 480 0 0
RD McF0024C04-MGRbd2 474 0 0
RD McF0053D14-MGRbd1 461 0 0
CO CL532Contig1 531 3 0 U
RD McF0038F21-MGRbd1 291 0 0
RD McF0023K05-MGRbd1 549 0 0
RD McF0023K05-MGRbd2 132 0 0
CO CL533Contig1 709 3 0 U
RD McF0038C22-MGRbd1 634 0 0
RD McF0053M13-MGRbd1 601 0 0
RD McF0050F20-MGRbd1 587 0 0
CO CL534Contig1 1098 3 0 U
RD McF0023K12-MGRbd2 496 0 0
RD McF0023K12-MGRbd1 652 0 0

RD McF0038M09-MGRbd1 580 0 0
CO CL535Contig1 889 3 0 U
RD McF0022G10-MGRbd1 664 0 0
RD McF0034H21-MGRbd2 302 0 0
RD McF0036N08-MGRbd1 393 0 0
CO CL536Contig1 667 3 0 U
RD McF0028G21-MGRbd1 525 0 0
RD McF0050G01-MGRbd1 676 0 0
RD McF0053J17-MGRbd1 616 0 0
CO CL537Contig1 599 3 0 U
RD McF0050K06-MGRbd1 606 0 0
RD McF0050N01-MGRbd1 576 0 0
RD McF0052K04-MGRbd1 252 0 0
CO CL538Contig1 896 3 0 U
RD McF0047L10-MGRbd1 575 0 0
RD McF0048M04-MGRbd1 670 0 0
RD McF0045D23-MGRbd1 573 0 0
CO CL539Contig1 633 3 0 U
RD McF0037G11-MGRbd1 215 0 0
RD McF0025J22-MGRbd2 569 0 0
RD McF0039C09-MGRbd1 617 0 0
CO CL540Contig1 606 3 0 U
RD McF0025J14-MGRbd1 417 0 0
RD McF0025J14-MGRbd2 590 0 0
RD McF0050O06-MGRbd1 614 0 0
CO CL541Contig1 727 3 0 U
RD McF0023J01-MGRbd2 359 0 0
RD McF0055M04-MGRbd1 567 0 0
RD McF0023J01-MGRbd1 740 0 0
CO CL542Contig1 639 3 0 U
RD McF0044A05-MGRbd1 314 0 0
RD McF0028F05-MGRbd1 551 0 0
RD McF0048N23-MGRbd1 645 0 0
CO CL543Contig1 757 3 0 U
RD McF0054C09-MGRbd1 615 0 0
RD McF0049B14-MGRbd1 597 0 0
RD McF0055K11-MGRbd1 679 0 0
CO CL544Contig1 628 3 0 U
RD McF0031E24-MGRbd1 504 0 0
RD McF0028P17-MGRbd1 558 0 0
RD McF0037O07-MGRbd1 630 0 0
CO CL545Contig1 649 3 0 U
RD McF0027L01-MGRbd1 562 0 0
RD McF0040F07-MGRbd1 647 0 0
RD McF0025I16-MGRbd2 547 0 0
CO CL546Contig1 506 3 0 U
RD McF0033B10-MGRbd1 223 0 0
RD McF0026B22-MGRbd1 317 0 0
RD McF0045O12-MGRbd1 479 0 0
CO CL547Contig1 621 3 0 U
RD McF0022J07-MGRbd1 583 0 0
RD McF0040C20-MGRbd1 602 0 0
RD McF0051D22-MGRbd1 462 0 0
CO CL548Contig1 600 3 0 U
RD McF0022I02-MGRbd1 301 0 0
RD McF0022A24-MGRbd1 589 0 0
RD McF0030O05-MGRbd1 584 0 0
CO CL549Contig1 578 3 0 U
RD McF0050H09-MGRbd1 576 0 0
RD McF0049H03-MGRbd1 552 0 0
RD McF0055I11-MGRbd1 426 0 0
CO CL550Contig1 891 3 0 U
RD McF0048D03-MGRbd1 307 0 0

RD McF0042L03-MGRbd1 376 0 0
RD McF0046M20-MGRbd1 611 0 0
CO CL551Contig1 779 3 0 U
RD McF0034F09-MGRbd1 507 0 0
RD McF0028C16-MGRbd1 734 0 0
RD McF0034F09-MGRbd2 558 0 0
CO CL552Contig1 599 3 0 U
RD McF0045E03-MGRbd1 331 0 0
RD McF0044I05-MGRbd1 479 0 0
RD McF0047K01-MGRbd1 554 0 0
CO CL553Contig1 271 3 0 U
RD McF0029H15-MGRbd1 116 0 0
RD McF0024M07-MGRbd2 275 0 0
RD McF0024M07-MGRbd1 251 0 0
CO CL554Contig1 681 3 0 U
RD McF0030K13-MGRbd1 379 0 0
RD McF0045K23-MGRbd1 456 0 0
RD McF0037G06-MGRbd1 693 0 0
CO CL555Contig1 543 3 0 U
RD McF0026I13-MGRbd1 501 0 0
RD McF0039N08-MGRbd1 541 0 0
RD McF0040F16-MGRbd1 161 0 0
CO CL556Contig1 445 3 0 U
RD McF0045M16-MGRbd1 110 0 0
RD McF0045A19-MGRbd1 289 0 0
RD McF0044D11-MGRbd1 451 0 0
CO CL557Contig1 918 3 0 U
RD McF0033N14-MGRbd1 375 0 0
RD McF0027K11-MGRbd1 601 0 0
RD McF0045H03-MGRbd1 634 0 0
CO CL558Contig1 1383 3 0 U
RD McF0026J06-MGRbd1 465 0 0
RD McF0040I21-MGRbd1 659 0 0
RD McF0040P16-MGRbd1 689 0 0
CO CL559Contig1 462 3 0 U
RD McF0047B19-MGRbd1 278 0 0
RD McF0023G02-MGRbd1 463 0 0
RD McF0023G02-MGRbd2 484 0 0
CO CL560Contig1 594 3 0 U
RD McF0051K19-MGRbd1 493 0 0
RD McF0055B13-MGRbd1 603 0 0
RD McF0051G01-MGRbd1 618 0 0
CO CL561Contig1 631 3 0 U
RD McF0034O18-MGRbd2 145 0 0
RD McF0034O18-MGRbd1 546 0 0
RD McF0027A15-MGRbd1 637 0 0
CO CL562Contig1 641 3 0 U
RD McF0032N08-MGRbd1 159 0 0
RD McF0027C18-MGRbd1 519 0 0
RD McF0048B24-MGRbd1 660 0 0
CO CL563Contig1 531 3 0 U
RD McF0024F24-MGRbd1 254 0 0
RD McF0024F24-MGRbd2 459 0 0
RD McF0048M12-MGRbd1 268 0 0
CO CL564Contig1 507 3 0 U
RD McF0042C14-MGRbd1 458 0 0
RD McF0040A09-MGRbd1 449 0 0
RD McF0045G03-MGRbd1 508 0 0
CO CL565Contig1 605 3 0 U
RD McF0025G14-MGRbd1 203 0 0
RD McF0028N11-MGRbd1 459 0 0
RD McF0025G14-MGRbd2 614 0 0
CO CL566Contig1 635 3 0 U

RD McF0054D08-MGRbd1 458 0 0
RD McF0035D19-MGRbd1 481 0 0
RD McF0049A21-MGRbd1 635 0 0
CO CL567Contig1 1029 3 0 U
RD McF0041D03-MGRbd1 512 0 0
RD McF0041E12-MGRbd1 532 0 0
RD McF0044L03-MGRbd1 680 0 0
CO CL568Contig1 636 3 0 U
RD McF0023N08-MGRbd2 468 0 0
RD McF0023N08-MGRbd1 562 0 0
RD McF0029F06-MGRbd1 628 0 0
CO CL569Contig1 298 3 0 U
RD McF0041J18-MGRbd1 510 0 0
RD McF0023A10-MGRbd1 298 0 0
RD McF0023A10-MGRbd2 287 0 0
CO CL570Contig1 561 3 0 U
RD McF0024D24-MGRbd2 546 0 0
RD McF0044G10-MGRbd1 527 0 0
RD McF0024D24-MGRbd1 192 0 0
CO CL571Contig1 773 3 0 U
RD McF0035M17-MGRbd1 355 0 0
RD McF0021M09-MGRbd1 648 0 0
RD McF0042N02-MGRbd1 358 0 0
CO CL572Contig1 576 3 0 U
RD McF0042C04-MGRbd1 313 0 0
RD McF0041P12-MGRbd1 478 0 0
RD McF0047E05-MGRbd1 576 0 0
CO CL573Contig1 505 2 0 U
RD McF0049G23-MGRbd1 494 0 0
RD McF0051O20-MGRbd1 462 0 0
CO CL574Contig1 585 3 0 U
RD McF0030P16-MGRbd1 140 0 0
RD McF0027P21-MGRbd1 253 0 0
RD McF0052B06-MGRbd1 595 0 0
CO CL575Contig1 644 2 0 U
RD McF0033C08-MGRbd1 346 0 0
RD McF0029G19-MGRbd1 665 0 0
CO CL576Contig1 821 3 0 U
RD McF0038L15-MGRbd1 462 0 0
RD McF0045C24-MGRbd1 510 0 0
RD McF0045M02-MGRbd1 635 0 0
CO CL578Contig1 555 2 0 U
RD McF0037B13-MGRbd1 522 0 0
RD McF0051N04-MGRbd1 490 0 0
CO CL579Contig1 619 3 0 U
RD McF0023D01-MGRbd1 493 0 0
RD McF0023D01-MGRbd2 466 0 0
RD McF0023F20-MGRbd1 591 0 0
CO CL580Contig1 591 3 0 U
RD McF0042I08-MGRbd1 360 0 0
RD McF0048J18-MGRbd1 485 0 0
RD McF0045F14-MGRbd1 587 0 0
CO CL581Contig1 535 3 0 U
RD McF0027J13-MGRbd1 536 0 0
RD McF0028M21-MGRbd1 456 0 0
RD McF0050C17-MGRbd1 483 0 0
CO CL582Contig1 669 3 0 U
RD McF0025I09-MGRbd1 565 0 0
RD McF0025N08-MGRbd2 509 0 0
RD McF0025I09-MGRbd2 583 0 0
CO CL583Contig1 550 3 0 U
RD McF0023L01-MGRbd2 544 0 0
RD McF0023L01-MGRbd1 541 0 0

RD McF0045E22-MGRbd1 600 0 0
CO CL584Contig1 607 3 0 U
RD McF0045M05-MGRbd1 555 0 0
RD McF0047L19-MGRbd1 511 0 0
RD McF0047A14-MGRbd1 594 0 0
CO CL585Contig1 574 3 0 U
RD McF0044O17-MGRbd1 434 0 0
RD McF0024N21-MGRbd1 464 0 0
RD McF0024N21-MGRbd2 594 0 0
CO CL586Contig1 682 3 0 U
RD McF0050C09-MGRbd1 218 0 0
RD McF0024L22-MGRbd2 620 0 0
RD McF0054G15-MGRbd1 554 0 0
CO CL587Contig1 608 2 0 U
RD McF0033F17-MGRbd1 561 0 0
RD McF0047J18-MGRbd1 496 0 0
CO CL588Contig1 591 2 0 U
RD McF0023J14-MGRbd1 574 0 0
RD McF0023J14-MGRbd2 542 0 0
CO CL589Contig1 536 3 0 U
RD McF0027L14-MGRbd1 540 0 0
RD McF0030J19-MGRbd1 502 0 0
RD McF0036I19-MGRbd1 246 0 0
CO CL590Contig1 587 3 0 U
RD McF0039A07-MGRbd1 526 0 0
RD McF0041M24-MGRbd1 556 0 0
RD McF0047I24-MGRbd1 465 0 0
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RD McF0032K02-MGRbd1 411 0 0
RD McF0028E04-MGRbd1 569 0 0
RD McF0039F16-MGRbd1 526 0 0
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RD McF0026F16-MGRbd1 584 0 0
RD McF0052N04-MGRbd1 499 0 0
RD McF0049C15-MGRbd1 309 0 0
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RD McF0023P22-MGRbd2 499 0 0
RD McF0023P22-MGRbd1 566 0 0
RD McF0026H11-MGRbd1 628 0 0
CO CL594Contig1 708 3 0 U
RD McF0039A18-MGRbd1 510 0 0
RD McF0025C18-MGRbd2 490 0 0
RD McF0043N01-MGRbd1 720 0 0
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RD McF0049N24-MGRbd1 484 0 0
RD McF0029B23-MGRbd1 540 0 0
RD McF0052N09-MGRbd1 561 0 0
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RD McF0043F11-MGRbd1 442 0 0
RD McF0032H12-MGRbd1 581 0 0
RD McF0039L21-MGRbd1 604 0 0
CO CL597Contig1 653 3 0 U
RD McF0034N04-MGRbd2 492 0 0
RD McF0032K14-MGRbd1 646 0 0
RD McF0034N04-MGRbd1 531 0 0
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RD McF0026O24-MGRbd1 212 0 0
RD McF0051O14-MGRbd1 552 0 0
RD McF0055P03-MGRbd1 553 0 0
CO CL599Contig1 557 3 0 U
RD McF0025B16-MGRbd1 307 0 0
RD McF0039I11-MGRbd1 575 0 0
RD McF0025B16-MGRbd2 576 0 0

CO CL600Contig1 697 3 0 U
RD McF0046L14-MGRbd1 502 0 0
RD McF0041I23-MGRbd1 536 0 0
RD McF0047H07-MGRbd1 606 0 0
CO CL601Contig1 833 3 0 U
RD McF0031F21-MGRbd1 663 0 0
RD McF0038K20-MGRbd1 588 0 0
RD McF0049F06-MGRbd1 584 0 0
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RD McF0045A15-MGRbd1 559 0 0
RD McF0039I10-MGRbd1 623 0 0
RD McF0046P03-MGRbd1 400 0 0
CO CL603Contig1 675 3 0 U
RD McF0031I24-MGRbd1 431 0 0
RD McF0033O22-MGRbd1 581 0 0
RD McF0043E06-MGRbd1 606 0 0
CO CL604Contig1 582 3 0 U
RD McF0051A10-MGRbd1 514 0 0
RD McF0032J04-MGRbd1 590 0 0
RD McF0034A10-MGRbd1 595 0 0
CO CL605Contig1 649 3 0 U
RD McF0044K09-MGRbd1 654 0 0
RD McF0053M03-MGRbd1 550 0 0
RD McF0040E18-MGRbd1 408 0 0
CO CL606Contig1 551 3 0 U
RD McF0042M23-MGRbd1 194 0 0
RD McF0046P21-MGRbd1 420 0 0
RD McF0049H24-MGRbd1 568 0 0
CO CL607Contig1 731 3 0 U
RD McF0031K22-MGRbd1 452 0 0
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RD McF0052A05-MGRbd1 633 0 0
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RD McF0038F20-MGRbd1 321 0 0
RD McF0030O20-MGRbd1 583 0 0
RD McF0044A15-MGRbd1 568 0 0
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RD McF0034B20-MGRbd2 178 0 0
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RD McF0053G15-MGRbd1 609 0 0
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RD McF0036E09-MGRbd1 166 0 0
RD McF0047A21-MGRbd1 612 0 0
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RD McF0026E21-MGRbd1 401 0 0
RD McF0032G06-MGRbd1 407 0 0
RD McF0043I15-MGRbd1 396 0 0
CO CL612Contig1 668 3 0 U
RD McF0049C06-MGRbd1 212 0 0
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RD McF0055O07-MGRbd1 535 0 0
CO CL613Contig1 754 3 0 U
RD McF0030O08-MGRbd1 515 0 0
RD McF0040G11-MGRbd1 548 0 0
RD McF0042F23-MGRbd1 525 0 0
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RD McF0043J04-MGRbd1 326 0 0
RD McF0024H22-MGRbd2 647 0 0
RD McF0054N10-MGRbd1 365 0 0
CO CL615Contig1 649 3 0 U
RD McF0025M11-MGRbd1 315 0 0
RD McF0031J12-MGRbd1 519 0 0

RD McF0025M11-MGRbd2 664 0 0
CO CL616Contig1 379 3 0 U
RD McF0021E10-MGRbd1 434 0 0
RD McF0024I24-MGRbd2 390 0 0
RD McF0024I24-MGRbd1 382 0 0
CO CL617Contig1 690 3 0 U
RD McF0043E16-MGRbd1 566 0 0
RD McF0042G17-MGRbd1 563 0 0
RD McF0044N01-MGRbd1 680 0 0
CO CL618Contig1 688 3 0 U
RD McF0049B18-MGRbd1 204 0 0
RD McF0055N03-MGRbd1 514 0 0
RD McF0055N17-MGRbd1 669 0 0
CO CL619Contig1 970 3 0 U
RD McF0042M19-MGRbd1 394 0 0
RD McF0040K04-MGRbd1 610 0 0
RD McF0046B19-MGRbd1 558 0 0
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RD McF0024L07-MGRbd1 491 0 0
RD McF0024L07-MGRbd2 597 0 0
RD McF0036J12-MGRbd1 597 0 0
CO CL621Contig1 591 3 0 U
RD McF0034C23-MGRbd2 325 0 0
RD McF0022G18-MGRbd1 516 0 0
RD McF0034C23-MGRbd1 592 0 0
CO CL622Contig1 627 3 0 U
RD McF0050E16-MGRbd1 594 0 0
RD McF0027G19-MGRbd1 360 0 0
RD McF0050E19-MGRbd1 582 0 0
CO CL623Contig1 790 3 0 U
RD McF0042J14-MGRbd1 370 0 0
RD McF0027L05-MGRbd1 467 0 0
RD McF0053H21-MGRbd1 619 0 0
CO CL624Contig1 594 3 0 U
RD McF0054H04-MGRbd1 560 0 0
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RD McF0055D16-MGRbd1 527 0 0
CO CL625Contig1 427 3 0 U
RD McF0034E17-MGRbd2 375 0 0
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RD McF0022F04-MGRbd1 434 0 0
CO CL626Contig1 570 3 0 U
RD McF0029C03-MGRbd1 579 0 0
RD McF0034D06-MGRbd2 455 0 0
RD McF0034D06-MGRbd1 504 0 0
CO CL627Contig1 434 3 0 U
RD McF0022C19-MGRbd1 431 0 0
RD McF0026G10-MGRbd1 407 0 0
RD McF0041P04-MGRbd1 398 0 0
CO CL628Contig1 752 3 0 U
RD McF0053L15-MGRbd1 554 0 0
RD McF0035M03-MGRbd1 491 0 0
RD McF0033C01-MGRbd1 762 0 0
CO CL629Contig1 557 3 0 U
RD McF0033C12-MGRbd1 616 0 0
RD McF0023D17-MGRbd2 499 0 0
RD McF0023D17-MGRbd1 581 0 0
CO CL630Contig1 617 3 0 U
RD McF0034L17-MGRbd1 504 0 0
RD McF0022N16-MGRbd1 285 0 0
RD McF0034L17-MGRbd2 618 0 0
CO CL631Contig1 711 3 0 U
RD McF0043H24-MGRbd1 694 0 0

RD McF0033F07-MGRbd1 148 0 0
RD McF0054D24-MGRbd1 626 0 0
CO CL632Contig1 655 3 0 U
RD McF0048K12-MGRbd1 156 0 0
RD McF0027A02-MGRbd1 585 0 0
RD McF0040B07-MGRbd1 567 0 0
CO CL633Contig1 878 3 0 U
RD McF0047D11-MGRbd1 403 0 0
RD McF0027C19-MGRbd1 545 0 0
RD McF0053D18-MGRbd1 501 0 0
CO CL634Contig1 714 3 0 U
RD McF0025L02-MGRbd2 662 0 0
RD McF0053G04-MGRbd1 552 0 0
RD McF0025L02-MGRbd1 292 0 0
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RD McF0038N09-MGRbd1 593 0 0
RD McF0022J22-MGRbd1 637 0 0
RD McF0046A21-MGRbd1 301 0 0
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RD McF0049G18-MGRbd1 587 0 0
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RD McF0039H04-MGRbd1 420 0 0
CO CL638Contig1 577 3 0 U
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RD McF0053C08-MGRbd1 559 0 0
CO CL639Contig1 508 3 0 U
RD McF0040A06-MGRbd1 519 0 0
RD McF0053M04-MGRbd1 522 0 0
RD McF0048P19-MGRbd1 492 0 0
CO CL640Contig1 1045 3 0 U
RD McF0031N09-MGRbd1 613 0 0
RD McF0033A10-MGRbd1 496 0 0
RD McF0041L22-MGRbd1 626 0 0
CO CL641Contig1 676 3 0 U
RD McF0021J22-MGRbd1 639 0 0
RD McF0055K14-MGRbd1 541 0 0
RD McF0036C13-MGRbd1 426 0 0
CO CL642Contig1 577 3 0 U
RD McF0026B06-MGRbd1 528 0 0
RD McF0032K12-MGRbd1 539 0 0
RD McF0042E15-MGRbd1 522 0 0
CO CL643Contig1 751 3 0 U
RD McF0026L17-MGRbd1 471 0 0
RD McF0034H15-MGRbd1 532 0 0
RD McF0034H15-MGRbd2 496 0 0
CO CL644Contig1 624 3 0 U
RD McF0034O21-MGRbd2 409 0 0
RD McF0034O21-MGRbd1 514 0 0
RD McF0036A07-MGRbd1 638 0 0
CO CL645Contig1 564 3 0 U
RD McF0023D21-MGRbd1 171 0 0
RD McF0023D21-MGRbd2 386 0 0
RD McF0036A09-MGRbd1 568 0 0
CO CL646Contig1 756 3 0 U
RD McF0039G04-MGRbd1 276 0 0
RD McF0037E18-MGRbd1 625 0 0
RD McF0055M12-MGRbd1 649 0 0
CO CL647Contig1 703 3 0 U

RD McF0035J16-MGRbd1 378 0 0
RD McF0046P15-MGRbd1 558 0 0
RD McF0042C21-MGRbd1 714 0 0
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RD McF0036L04-MGRbd1 506 0 0
RD McF0052L04-MGRbd1 567 0 0
CO CL649Contig1 568 3 0 U
RD McF0025O04-MGRbd1 445 0 0
RD McF0043K02-MGRbd1 541 0 0
RD McF0047F19-MGRbd1 576 0 0
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RD McF0023L20-MGRbd2 554 0 0
RD McF0037J12-MGRbd1 431 0 0
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RD McF0052F05-MGRbd1 470 0 0
RD McF0052O19-MGRbd1 468 0 0
RD McF0053M15-MGRbd1 537 0 0
CO CL652Contig1 666 3 0 U
RD McF0029P23-MGRbd1 674 0 0
RD McF0034B02-MGRbd2 483 0 0
RD McF0034B02-MGRbd1 474 0 0
CO CL653Contig1 576 2 0 U
RD McF0027I21-MGRbd1 382 0 0
RD McF0052K14-MGRbd1 588 0 0
CO CL654Contig1 667 3 0 U
RD McF0030G23-MGRbd1 465 0 0
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RD McF0055B09-MGRbd1 565 0 0
CO CL655Contig1 527 3 0 U
RD McF0028H04-MGRbd1 106 0 0
RD McF0052J04-MGRbd1 529 0 0
RD McF0042M10-MGRbd1 484 0 0
CO CL656Contig1 717 3 0 U
RD McF0023E16-MGRbd2 458 0 0
RD McF0028C01-MGRbd1 475 0 0
RD McF0023E16-MGRbd1 727 0 0
CO CL657Contig1 676 3 0 U
RD McF0027O02-MGRbd1 540 0 0
RD McF0032B16-MGRbd1 589 0 0
RD McF0038D15-MGRbd1 642 0 0
CO CL658Contig1 596 3 0 U
RD McF0054E24-MGRbd1 499 0 0
RD McF0033P05-MGRbd1 484 0 0
RD McF0031L07-MGRbd1 610 0 0
CO CL659Contig1 217 3 0 U
RD McF0022M18-MGRbd1 219 0 0
RD McF0023M12-MGRbd2 216 0 0
RD McF0023M12-MGRbd1 215 0 0
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RD McF0034N14-MGRbd1 560 0 0
RD McF0038N23-MGRbd1 525 0 0
RD McF0034N14-MGRbd2 538 0 0
CO CL661Contig1 616 3 0 U
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RD McF0042N01-MGRbd1 568 0 0
RD McF0046I02-MGRbd1 579 0 0
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RD McF0024N23-MGRbd2 554 0 0
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RD McF0035M04-MGRbd1 553 0 0
RD McF0037L04-MGRbd1 614 0 0
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RD McF0051J18-MGRbd1 624 0 0
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RD McF0045J17-MGRbd1 498 0 0
RD McF0027I06-MGRbd1 503 0 0
RD McF0054D07-MGRbd1 563 0 0
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RD McF0035K12-MGRbd1 338 0 0
RD McF0024L11-MGRbd1 483 0 0
RD McF0024L11-MGRbd2 480 0 0
CO CL668Contig1 682 3 0 U
RD McF0048H13-MGRbd1 530 0 0
RD McF0025J19-MGRbd2 561 0 0
RD McF0054G22-MGRbd1 612 0 0
CO CL669Contig1 614 3 0 U
RD McF0025N19-MGRbd2 585 0 0
RD McF0025N19-MGRbd1 317 0 0
RD McF0049P11-MGRbd1 201 0 0
CO CL670Contig1 621 3 0 U
RD McF0024P12-MGRbd2 365 0 0
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RD McF0025G15-MGRbd2 539 0 0
CO CL671Contig1 661 3 0 U
RD McF0033I16-MGRbd1 446 0 0
RD McF0032E01-MGRbd1 445 0 0
RD McF0031H04-MGRbd1 669 0 0
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RD McF0034P15-MGRbd1 243 0 0
RD McF0051O23-MGRbd1 432 0 0
RD McF0034P15-MGRbd2 431 0 0
CO CL673Contig1 509 3 0 U
RD McF0025O22-MGRbd2 341 0 0
RD McF0025O22-MGRbd1 349 0 0
RD McF0035O21-MGRbd1 499 0 0
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RD McF0024E19-MGRbd1 438 0 0
RD McF0024E19-MGRbd2 450 0 0
CO CL675Contig1 454 3 0 U
RD McF0032F20-MGRbd1 138 0 0
RD McF0037F22-MGRbd1 342 0 0
RD McF0053I15-MGRbd1 448 0 0
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RD McF0025A20-MGRbd1 348 0 0
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RD McF0051I03-MGRbd1 606 0 0
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RD McF0032I05-MGRbd1 124 0 0
RD McF0043L24-MGRbd1 353 0 0
RD McF0052O05-MGRbd1 629 0 0
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RD McF0034G22-MGRbd1 314 0 0
RD McF0027J02-MGRbd1 577 0 0
RD McF0034G22-MGRbd2 317 0 0
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RD McF0021B02-MGRbd1 596 0 0

RD McF0021P06-MGRbd1 199 0 0
RD McF0035L15-MGRbd1 346 0 0
CO CL680Contig1 696 3 0 U
RD McF0049F13-MGRbd1 576 0 0
RD McF0049A22-MGRbd1 481 0 0
RD McF0053F23-MGRbd1 395 0 0
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RD McF0045J11-MGRbd1 127 0 0
RD McF0029P12-MGRbd1 594 0 0
CO CL682Contig1 753 3 0 U
RD McF0035P12-MGRbd1 652 0 0
RD McF0055K08-MGRbd1 592 0 0
RD McF0054D13-MGRbd1 377 0 0
CO CL683Contig1 964 3 0 U
RD McF0043L23-MGRbd1 621 0 0
RD McF0046C21-MGRbd1 596 0 0
RD McF0047E07-MGRbd1 542 0 0
CO CL684Contig1 487 3 0 U
RD McF0034H19-MGRbd1 108 0 0
RD McF0032A19-MGRbd1 469 0 0
RD McF0034H19-MGRbd2 476 0 0
CO CL685Contig1 509 3 0 U
RD McF0029L08-MGRbd1 466 0 0
RD McF0038I24-MGRbd1 452 0 0
RD McF0044L07-MGRbd1 507 0 0
CO CL686Contig1 592 3 0 U
RD McF0050J14-MGRbd1 193 0 0
RD McF0048C05-MGRbd1 541 0 0
RD McF0054M05-MGRbd1 378 0 0
CO CL687Contig1 706 3 0 U
RD McF0025L08-MGRbd2 192 0 0
RD McF0046P02-MGRbd1 277 0 0
RD McF0040G02-MGRbd1 717 0 0
CO CL688Contig1 573 3 0 U
RD McF0049E04-MGRbd1 456 0 0
RD McF0049G07-MGRbd1 357 0 0
RD McF0047J24-MGRbd1 578 0 0
CO CL689Contig1 555 3 0 U
RD McF0031A12-MGRbd1 276 0 0
RD McF0024O18-MGRbd1 557 0 0
RD McF0024O18-MGRbd2 419 0 0
CO CL690Contig1 1214 3 0 U
RD McF0028M23-MGRbd1 570 0 0
RD McF0031N17-MGRbd1 586 0 0
RD McF0030K08-MGRbd1 608 0 0
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RD McF0026J18-MGRbd1 475 0 0
RD McF0025K14-MGRbd2 448 0 0
RD McF0045B02-MGRbd1 590 0 0
CO CL692Contig1 695 3 0 U
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RD McF0024M19-MGRbd2 437 0 0
RD McF0038M15-MGRbd1 450 0 0
CO CL694Contig1 521 3 0 U
RD McF0031D15-MGRbd1 496 0 0
RD McF0036M17-MGRbd1 376 0 0
RD McF0044J22-MGRbd1 385 0 0
CO CL695Contig1 642 3 0 U
RD McF0052C06-MGRbd1 536 0 0

RD McF0054A10-MGRbd1 448 0 0
RD McF0055G03-MGRbd1 552 0 0
CO CL696Contig1 589 3 0 U
RD McF0032G02-MGRbd1 477 0 0
RD McF0049L14-MGRbd1 601 0 0
RD McF0034B22-MGRbd2 376 0 0
CO CL697Contig1 525 3 0 U
RD McF0042P18-MGRbd1 491 0 0
RD McF0043I23-MGRbd1 286 0 0
RD McF0045C09-MGRbd1 635 0 0
CO CL698Contig1 1133 3 0 U
RD McF0035N19-MGRbd1 473 0 0
RD McF0036C23-MGRbd1 601 0 0
RD McF0052P12-MGRbd1 650 0 0
CO CL699Contig1 1297 3 0 U
RD McF0027O15-MGRbd1 613 0 0
RD McF0055F13-MGRbd1 701 0 0
RD McF0048H10-MGRbd1 615 0 0
CO CL700Contig1 752 3 0 U
RD McF0053B15-MGRbd1 564 0 0
RD McF0046M05-MGRbd1 511 0 0
RD McF0054A18-MGRbd1 505 0 0
CO CL701Contig1 654 3 0 U
RD McF0043L03-MGRbd1 190 0 0
RD McF0040P13-MGRbd1 663 0 0
RD McF0048A12-MGRbd1 435 0 0
CO CL702Contig1 636 3 0 U
RD McF0025E10-MGRbd1 347 0 0
RD McF0021G08-MGRbd1 518 0 0
RD McF0025E10-MGRbd2 505 0 0
CO CL703Contig1 1319 3 0 U
RD McF0025B03-MGRbd1 449 0 0
RD McF0045F06-MGRbd1 684 0 0
RD McF0029L09-MGRbd1 654 0 0
CO CL704Contig1 470 3 0 U
RD McF0054D09-MGRbd1 473 0 0
RD McF0054O06-MGRbd1 328 0 0
RD McF0029O21-MGRbd1 205 0 0
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RD McF0024H03-MGRbd1 280 0 0
RD McF0052N06-MGRbd1 295 0 0
RD McF0024H03-MGRbd2 578 0 0
CO CL706Contig1 502 3 0 U
RD McF0050M02-MGRbd1 245 0 0
RD McF0042K23-MGRbd1 360 0 0
RD McF0051E24-MGRbd1 491 0 0
CO CL707Contig1 719 3 0 U
RD McF0022H07-MGRbd1 712 0 0
RD McF0034N07-MGRbd1 331 0 0
RD McF0049C12-MGRbd1 139 0 0
CO CL708Contig1 679 3 0 U
RD McF0049L21-MGRbd1 305 0 0
RD McF0051H06-MGRbd1 601 0 0
RD McF0054B18-MGRbd1 584 0 0
CO CL709Contig1 598 3 0 U
RD McF0038D23-MGRbd1 541 0 0
RD McF0045G24-MGRbd1 515 0 0
RD McF0045L02-MGRbd1 182 0 0
CO CL710Contig1 599 3 0 U
RD McF0034J13-MGRbd2 262 0 0
RD McF0034J13-MGRbd1 315 0 0
RD McF0026H17-MGRbd1 608 0 0
CO CL712Contig1 1129 3 0 U

RD McF0040B15-MGRbd1 623 0 0
RD McF0041N01-MGRbd1 647 0 0
RD McF0047E03-MGRbd1 592 0 0
CO CL713Contig1 797 3 0 U
RD McF0023N03-MGRbd1 789 0 0
RD McF0027M03-MGRbd1 459 0 0
RD McF0023N03-MGRbd2 326 0 0
CO CL714Contig1 618 3 0 U
RD McF0041F20-MGRbd1 603 0 0
RD McF0038P01-MGRbd1 350 0 0
RD McF0054M23-MGRbd1 547 0 0
CO CL715Contig1 685 3 0 U
RD McF0022K14-MGRbd1 519 0 0
RD McF0025D06-MGRbd2 579 0 0
RD McF0025D06-MGRbd1 112 0 0
CO CL716Contig1 1533 3 0 U
RD McF0043H12-MGRbd1 672 0 0
RD McF0052L03-MGRbd1 646 0 0
RD McF0043H23-MGRbd1 675 0 0
CO CL717Contig1 1147 3 0 U
RD McF0041B09-MGRbd1 633 0 0
RD McF0054I21-MGRbd1 604 0 0
RD McF0044C16-MGRbd1 441 0 0
CO CL718Contig1 402 3 0 U
RD McF0036O15-MGRbd1 284 0 0
RD McF0024N11-MGRbd2 410 0 0
RD McF0036A15-MGRbd1 394 0 0
CO CL719Contig1 705 3 0 U
RD McF0021A13-MGRbd1 737 0 0
RD McF0034F22-MGRbd2 520 0 0
RD McF0034H24-MGRbd1 354 0 0
CO CL720Contig1 490 3 0 U
RD McF0031E04-MGRbd1 506 0 0
RD McF0024A04-MGRbd2 401 0 0
RD McF0024A04-MGRbd1 514 0 0
CO CL721Contig1 376 3 0 U
RD McF0024C22-MGRbd1 342 0 0
RD McF0031E03-MGRbd1 468 0 0
RD McF0024C22-MGRbd2 391 0 0
CO CL722Contig1 692 3 0 U
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RD McF0026B10-MGRbd1 682 0 0
RD McF0031N12-MGRbd1 221 0 0
CO CL723Contig1 838 3 0 U
RD McF0032B06-MGRbd1 446 0 0
RD McF0039A22-MGRbd1 705 0 0
RD McF0044D17-MGRbd1 492 0 0
CO CL724Contig1 430 3 0 U
RD McF0042K03-MGRbd1 413 0 0
RD McF0030E02-MGRbd1 149 0 0
RD McF0045J15-MGRbd1 440 0 0
CO CL725Contig1 644 3 0 U
RD McF0021F12-MGRbd1 269 0 0
RD McF0021A14-MGRbd1 348 0 0
RD McF0029A07-MGRbd1 653 0 0
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RD McF0037L13-MGRbd1 541 0 0
RD McF0041P09-MGRbd1 591 0 0
CO CL727Contig1 676 3 0 U
RD McF0023M09-MGRbd2 577 0 0
RD McF0023M09-MGRbd1 378 0 0
RD McF0053K24-MGRbd1 476 0 0
CO CL728Contig1 372 3 0 U

RD McF0026H18-MGRbd1 351 0 0
RD McF0038L08-MGRbd1 383 0 0
RD McF0046F10-MGRbd1 383 0 0
CO CL729Contig1 689 3 0 U
RD McF0021G18-MGRbd1 694 0 0
RD McF0037P19-MGRbd1 553 0 0
RD McF0028L05-MGRbd1 552 0 0
CO CL730Contig1 1218 3 0 U
RD McF0031L10-MGRbd1 677 0 0
RD McF0036N03-MGRbd1 367 0 0
RD McF0031O13-MGRbd1 630 0 0
CO CL731Contig1 658 3 0 U
RD McF0024F04-MGRbd2 653 0 0
RD McF0033N15-MGRbd1 382 0 0
RD McF0042M04-MGRbd1 357 0 0
CO CL732Contig1 374 3 0 U
RD McF0031K19-MGRbd1 365 0 0
RD McF0040N12-MGRbd1 366 0 0
RD McF0021D22-MGRbd1 374 0 0
CO CL733Contig1 1041 3 0 U
RD McF0029K23-MGRbd1 553 0 0
RD McF0041A12-MGRbd1 386 0 0
RD McF0038N15-MGRbd1 614 0 0
CO CL734Contig1 413 3 0 U
RD McF0028P24-MGRbd1 381 0 0
RD McF0038M03-MGRbd1 386 0 0
RD McF0044F09-MGRbd1 408 0 0
CO CL735Contig1 479 3 0 U
RD McF0021K24-MGRbd1 280 0 0
RD McF0048B14-MGRbd1 375 0 0
RD McF0040G08-MGRbd1 431 0 0
CO CL736Contig1 790 3 0 U
RD McF0055P02-MGRbd1 121 0 0
RD McF0032O23-MGRbd1 598 0 0
RD McF0043C14-MGRbd1 608 0 0
CO CL737Contig1 549 3 0 U
RD McF0028E14-MGRbd1 361 0 0
RD McF0036E18-MGRbd1 549 0 0
RD McF0048G09-MGRbd1 296 0 0
CO CL738Contig1 530 3 0 U
RD McF0025N05-MGRbd2 428 0 0
RD McF0025N05-MGRbd1 358 0 0
RD McF0051J08-MGRbd1 551 0 0
CO CL739Contig1 460 3 0 U
RD McF0022O24-MGRbd1 470 0 0
RD McF0034L01-MGRbd1 434 0 0
RD McF0034L01-MGRbd2 313 0 0
CO CL740Contig1 1056 3 0 U
RD McF0037G03-MGRbd1 671 0 0
RD McF0032B11-MGRbd1 128 0 0
RD McF0049B11-MGRbd1 556 0 0
CO CL741Contig1 562 3 0 U
RD McF0034P22-MGRbd2 166 0 0
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RD McF0022E15-MGRbd1 575 0 0
CO CL742Contig1 1063 3 0 U
RD McF0042A15-MGRbd1 575 0 0
RD McF0053M24-MGRbd1 103 0 0
RD McF0045D01-MGRbd1 637 0 0
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RD McF0031M16-MGRbd1 220 0 0
RD McF0029E05-MGRbd1 571 0 0
RD McF0053C15-MGRbd1 475 0 0

CO CL744Contig1 478 3 0 U
RD McF0027I08-MGRbd1 487 0 0
RD McF0021J10-MGRbd1 242 0 0
RD McF0035L11-MGRbd1 425 0 0
CO CL745Contig1 1046 3 0 U
RD McF0050B05-MGRbd1 615 0 0
RD McF0054K22-MGRbd1 592 0 0
RD McF0050J08-MGRbd1 510 0 0
CO CL746Contig1 531 3 0 U
RD McF0048L09-MGRbd1 320 0 0
RD McF0023I16-MGRbd1 422 0 0
RD McF0023I16-MGRbd2 538 0 0
CO CL747Contig1 456 3 0 U
RD McF0025J10-MGRbd1 122 0 0
RD McF0025J10-MGRbd2 442 0 0
RD McF0045H09-MGRbd1 457 0 0
CO CL748Contig1 460 3 0 U
RD McF0024K21-MGRbd1 177 0 0
RD McF0024K21-MGRbd2 454 0 0
RD McF0022I21-MGRbd1 469 0 0
CO CL749Contig1 623 3 0 U
RD McF0030O23-MGRbd1 433 0 0
RD McF0042H12-MGRbd1 453 0 0
RD McF0043F03-MGRbd1 623 0 0
CO CL750Contig1 425 3 0 U
RD McF0024G02-MGRbd1 316 0 0
RD McF0043G12-MGRbd1 558 0 0
RD McF0024G02-MGRbd2 431 0 0
CO CL751Contig1 848 3 0 U
RD McF0036C07-MGRbd1 602 0 0
RD McF0046K03-MGRbd1 572 0 0
RD McF0043M04-MGRbd1 447 0 0
CO CL752Contig1 573 3 0 U
RD McF0034J09-MGRbd2 544 0 0
RD McF0034J09-MGRbd1 404 0 0
RD McF0046J09-MGRbd1 422 0 0
CO CL753Contig1 636 3 0 U
RD McF0042H04-MGRbd1 253 0 0
RD McF0052I20-MGRbd1 386 0 0
RD McF0053F04-MGRbd1 651 0 0
CO CL754Contig1 446 3 0 U
RD McF0023L06-MGRbd2 187 0 0
RD McF0040D21-MGRbd1 417 0 0
RD McF0023L06-MGRbd1 458 0 0
CO CL755Contig1 557 3 0 U
RD McF0040D06-MGRbd1 147 0 0
RD McF0026D08-MGRbd1 432 0 0
RD McF0055O22-MGRbd1 562 0 0
CO CL756Contig1 843 2 0 U
RD McF0028J14-MGRbd1 370 0 0
RD McF0048P06-MGRbd1 624 0 0
CO CL757Contig1 613 3 0 U
RD McF0034F19-MGRbd1 420 0 0
RD McF0034F19-MGRbd2 541 0 0
RD McF0050D06-MGRbd1 472 0 0
CO CL758Contig1 643 3 0 U
RD McF0027F09-MGRbd1 471 0 0
RD McF0027H24-MGRbd1 373 0 0
RD McF0041H12-MGRbd1 527 0 0
CO CL759Contig1 676 3 0 U
RD McF0025D01-MGRbd1 414 0 0
RD McF0030F03-MGRbd1 429 0 0
RD McF0033E09-MGRbd1 677 0 0

CO CL760Contig1 1003 3 0 U
RD McF0023A24-MGRbd1 433 0 0
RD McF0032P01-MGRbd1 554 0 0
RD McF0035P13-MGRbd1 622 0 0
CO CL761Contig1 546 3 0 U
RD McF0036K08-MGRbd1 532 0 0
RD McF0028L20-MGRbd1 493 0 0
RD McF0046C20-MGRbd1 541 0 0
CO CL762Contig1 786 3 0 U
RD McF0024I05-MGRbd2 682 0 0
RD McF0024I05-MGRbd1 540 0 0
RD McF0050L16-MGRbd1 591 0 0
CO CL763Contig1 739 3 0 U
RD McF0033E14-MGRbd1 560 0 0
RD McF0036E21-MGRbd1 591 0 0
RD McF0033K04-MGRbd1 650 0 0
CO CL764Contig1 609 3 0 U
RD McF0035E15-MGRbd1 514 0 0
RD McF0026L18-MGRbd1 598 0 0
RD McF0045I11-MGRbd1 598 0 0
CO CL765Contig1 690 3 0 U
RD McF0025M17-MGRbd2 666 0 0
RD McF0025M17-MGRbd1 396 0 0
RD McF0047F05-MGRbd1 632 0 0
CO CL766Contig1 709 3 0 U
RD McF0033B04-MGRbd1 551 0 0
RD McF0043J11-MGRbd1 657 0 0
RD McF0046N02-MGRbd1 728 0 0
CO CL767Contig1 626 3 0 U
RD McF0035D13-MGRbd1 305 0 0
RD McF0047D16-MGRbd1 609 0 0
RD McF0047I12-MGRbd1 640 0 0
CO CL768Contig1 756 3 0 U
RD McF0037H06-MGRbd1 728 0 0
RD McF0035C05-MGRbd1 582 0 0
RD McF0045P03-MGRbd1 561 0 0
CO CL769Contig1 616 3 0 U
RD McF0025A12-MGRbd1 451 0 0
RD McF0043B10-MGRbd1 616 0 0
RD McF0025A12-MGRbd2 564 0 0
CO CL770Contig1 642 3 0 U
RD McF0025G08-MGRbd2 623 0 0
RD McF0025G08-MGRbd1 209 0 0
RD McF0039N22-MGRbd1 256 0 0
CO CL771Contig1 846 3 0 U
RD McF0026J21-MGRbd1 542 0 0
RD McF0041N04-MGRbd1 416 0 0
RD McF0030H19-MGRbd1 304 0 0
CO CL772Contig1 641 3 0 U
RD McF0025H03-MGRbd2 343 0 0
RD McF0036G20-MGRbd1 553 0 0
RD McF0037I22-MGRbd1 644 0 0
CO CL773Contig1 562 3 0 U
RD McF0049L23-MGRbd1 290 0 0
RD McF0031A23-MGRbd1 349 0 0
RD McF0054F02-MGRbd1 528 0 0
CO CL774Contig1 597 3 0 U
RD McF0028O18-MGRbd1 561 0 0
RD McF0039G16-MGRbd1 249 0 0
RD McF0040B08-MGRbd1 135 0 0
CO CL775Contig1 587 3 0 U
RD McF0034D18-MGRbd2 491 0 0
RD McF0034D18-MGRbd1 605 0 0

RD McF0038E16-MGRbd1 568 0 0
CO CL776Contig1 640 3 0 U
RD McF0038A14-MGRbd1 89 0 0
RD McF0022H10-MGRbd1 612 0 0
RD McF0055J18-MGRbd1 629 0 0
CO CL777Contig1 781 3 0 U
RD McF0025H05-MGRbd2 614 0 0
RD McF0025H05-MGRbd1 132 0 0
RD McF0032C14-MGRbd1 400 0 0
CO CL778Contig1 590 3 0 U
RD McF0029E12-MGRbd1 573 0 0
RD McF0050O20-MGRbd1 578 0 0
RD McF0053M12-MGRbd1 533 0 0
CO CL779Contig1 588 3 0 U
RD McF0024N24-MGRbd1 425 0 0
RD McF0025G03-MGRbd2 586 0 0
RD McF0024N24-MGRbd2 547 0 0
CO CL780Contig1 645 3 0 U
RD McF0040M20-MGRbd1 660 0 0
RD McF0039O15-MGRbd1 606 0 0
RD McF0026O13-MGRbd1 590 0 0
CO CL781Contig1 625 3 0 U
RD McF0021I15-MGRbd1 584 0 0
RD McF0023I10-MGRbd1 627 0 0
RD McF0023I10-MGRbd2 610 0 0
CO CL782Contig1 651 3 0 U
RD McF0038G09-MGRbd1 658 0 0
RD McF0052L05-MGRbd1 603 0 0
RD McF0043I14-MGRbd1 656 0 0
CO CL783Contig1 689 3 0 U
RD McF0025K13-MGRbd1 612 0 0
RD McF0045A08-MGRbd1 535 0 0
RD McF0025K13-MGRbd2 692 0 0
CO CL784Contig1 750 3 0 U
RD McF0053C07-MGRbd1 610 0 0
RD McF0049L10-MGRbd1 606 0 0
RD McF0043H10-MGRbd1 765 0 0
CO CL785Contig1 616 3 0 U
RD McF0025A01-MGRbd1 275 0 0
RD McF0025A01-MGRbd2 446 0 0
RD McF0048B18-MGRbd1 626 0 0
CO CL786Contig1 703 3 0 U
RD McF0032N11-MGRbd1 587 0 0
RD McF0032E22-MGRbd1 703 0 0
RD McF0040N15-MGRbd1 585 0 0
CO CL787Contig1 668 3 0 U
RD McF0055J06-MGRbd1 623 0 0
RD McF0055L04-MGRbd1 616 0 0
RD McF0055H09-MGRbd1 680 0 0
CO CL788Contig1 657 3 0 U
RD McF0027I13-MGRbd1 618 0 0
RD McF0040I19-MGRbd1 650 0 0
RD McF0029I05-MGRbd1 364 0 0
CO CL789Contig1 653 3 0 U
RD McF0034M01-MGRbd1 663 0 0
RD McF0027H14-MGRbd1 600 0 0
RD McF0048K16-MGRbd1 637 0 0
CO CL790Contig1 787 3 0 U
RD McF0041N08-MGRbd1 452 0 0
RD McF0035D23-MGRbd1 608 0 0
RD McF0049O10-MGRbd1 581 0 0
CO CL791Contig1 591 3 0 U
RD McF0044M22-MGRbd1 444 0 0

RD McF0041C15-MGRbd1 603 0 0
RD McF0054K20-MGRbd1 574 0 0
CO CL792Contig1 713 3 0 U
RD McF0024O03-MGRbd2 581 0 0
RD McF0038O07-MGRbd1 676 0 0
RD McF0021D13-MGRbd1 656 0 0
CO CL793Contig1 660 3 0 U
RD McF0044K17-MGRbd1 557 0 0
RD McF0040I14-MGRbd1 660 0 0
RD McF0052H05-MGRbd1 619 0 0
CO CL794Contig1 717 3 0 U
RD McF0049N16-MGRbd1 722 0 0
RD McF0027K06-MGRbd1 604 0 0
RD McF0054N12-MGRbd1 632 0 0
CO CL795Contig1 764 3 0 U
RD McF0021J13-MGRbd1 223 0 0
RD McF0036L17-MGRbd1 515 0 0
RD McF0041N11-MGRbd1 408 0 0
CO CL796Contig1 212 3 0 U
RD McF0034O06-MGRbd1 213 0 0
RD McF0034O06-MGRbd2 205 0 0
RD McF0034B19-MGRbd2 124 0 0
CO CL797Contig1 644 3 0 U
RD McF0029P16-MGRbd1 636 0 0
RD McF0030P09-MGRbd1 604 0 0
RD McF0053P03-MGRbd1 621 0 0
CO CL798Contig1 647 3 0 U
RD McF0026O09-MGRbd1 375 0 0
RD McF0024M15-MGRbd1 576 0 0
RD McF0024M15-MGRbd2 647 0 0
CO CL799Contig1 986 3 0 U
RD McF0023F10-MGRbd2 90 0 0
RD McF0023F10-MGRbd1 587 0 0
RD McF0029G23-MGRbd1 611 0 0
CO CL800Contig1 621 3 0 U
RD McF0027J24-MGRbd1 538 0 0
RD McF0023K19-MGRbd1 623 0 0
RD McF0023K19-MGRbd2 495 0 0
CO CL801Contig1 628 3 0 U
RD McF0025H07-MGRbd1 534 0 0
RD McF0024L02-MGRbd1 572 0 0
RD McF0025H07-MGRbd2 460 0 0
CO CL802Contig1 630 3 0 U
RD McF0045N23-MGRbd1 376 0 0
RD McF0035N10-MGRbd1 590 0 0
RD McF0042L19-MGRbd1 623 0 0
CO CL803Contig1 928 3 0 U
RD McF0026F04-MGRbd1 549 0 0
RD McF0021K01-MGRbd1 658 0 0
RD McF0042K17-MGRbd1 737 0 0
CO CL804Contig1 609 3 0 U
RD McF0043C02-MGRbd1 510 0 0
RD McF0047H18-MGRbd1 567 0 0
RD McF0048M10-MGRbd1 568 0 0
CO CL805Contig1 729 2 0 U
RD McF0027P17-MGRbd1 724 0 0
RD McF0040C10-MGRbd1 554 0 0
CO CL806Contig1 650 3 0 U
RD McF0037O24-MGRbd1 592 0 0
RD McF0047H15-MGRbd1 557 0 0
RD McF0038M12-MGRbd1 550 0 0
CO CL807Contig1 703 3 0 U
RD McF0034P20-MGRbd2 319 0 0

RD McF0026A16-MGRbd1 667 0 0
RD McF0038C10-MGRbd1 609 0 0
CO CL808Contig1 217 3 0 U
RD McF0023B05-MGRbd2 219 0 0
RD McF0023B05-MGRbd1 219 0 0
RD McF0032I12-MGRbd1 219 0 0
CO CL809Contig1 591 3 0 U
RD McF0055K13-MGRbd1 580 0 0
RD McF0055L03-MGRbd1 616 0 0
RD McF0029K18-MGRbd1 579 0 0
CO CL810Contig1 608 3 0 U
RD McF0027H19-MGRbd1 461 0 0
RD McF0045M19-MGRbd1 604 0 0
RD McF0053N06-MGRbd1 551 0 0
CO CL811Contig1 960 3 0 U
RD McF0024H09-MGRbd1 530 0 0
RD McF0024H09-MGRbd2 728 0 0
RD McF0043L20-MGRbd1 429 0 0
CO CL812Contig1 941 3 0 U
RD McF0038H22-MGRbd1 290 0 0
RD McF0035P09-MGRbd1 595 0 0
RD McF0047A02-MGRbd1 441 0 0
CO CL813Contig1 559 3 0 U
RD McF0027K07-MGRbd1 323 0 0
RD McF0024D03-MGRbd1 564 0 0
RD McF0024D03-MGRbd2 555 0 0
CO CL814Contig1 688 3 0 U
RD McF0026D15-MGRbd1 194 0 0
RD McF0022E11-MGRbd1 613 0 0
RD McF0053G02-MGRbd1 664 0 0
CO CL815Contig1 683 2 0 U
RD McF0023O09-MGRbd2 395 0 0
RD McF0023O09-MGRbd1 683 0 0
CO CL816Contig1 707 3 0 U
RD McF0040B10-MGRbd1 520 0 0
RD McF0034G20-MGRbd2 534 0 0
RD McF0034G20-MGRbd1 713 0 0
CO CL817Contig1 598 3 0 U
RD McF0053B19-MGRbd1 369 0 0
RD McF0055D03-MGRbd1 602 0 0
RD McF0054N07-MGRbd1 570 0 0
CO CL818Contig1 751 3 0 U
RD McF0023C17-MGRbd1 752 0 0
RD McF0021F24-MGRbd1 289 0 0
RD McF0023C17-MGRbd2 539 0 0
CO CL819Contig1 580 3 0 U
RD McF0052H20-MGRbd1 549 0 0
RD McF0050A04-MGRbd1 592 0 0
RD McF0041M16-MGRbd1 541 0 0
CO CL820Contig1 244 3 0 U
RD McF0034G16-MGRbd1 248 0 0
RD McF0035I18-MGRbd1 588 0 0
RD McF0034G16-MGRbd2 244 0 0
CO CL821Contig1 719 3 0 U
RD McF0053E23-MGRbd1 485 0 0
RD McF0051H07-MGRbd1 533 0 0
RD McF0055G07-MGRbd1 715 0 0
CO CL822Contig1 713 3 0 U
RD McF0052M06-MGRbd1 472 0 0
RD McF0029J21-MGRbd1 515 0 0
RD McF0048I13-MGRbd1 715 0 0
CO CL823Contig1 673 3 0 U
RD McF0025H13-MGRbd1 300 0 0

RD McF0024P04-MGRbd2 502 0 0
RD McF0025H13-MGRbd2 690 0 0
CO CL824Contig1 577 3 0 U
RD McF0029O16-MGRbd1 222 0 0
RD McF0022P20-MGRbd1 476 0 0
RD McF0038B20-MGRbd1 576 0 0
CO CL825Contig1 843 3 0 U
RD McF0038H13-MGRbd1 691 0 0
RD McF0028B15-MGRbd1 579 0 0
RD McF0039H07-MGRbd1 611 0 0
CO CL826Contig1 687 3 0 U
RD McF0038P04-MGRbd1 524 0 0
RD McF0023G23-MGRbd2 542 0 0
RD McF0023G23-MGRbd1 692 0 0
CO CL827Contig1 803 3 0 U
RD McF0026O03-MGRbd1 452 0 0
RD McF0023A21-MGRbd1 815 0 0
RD McF0023A21-MGRbd2 534 0 0
CO CL828Contig1 541 3 0 U
RD McF0022K01-MGRbd1 551 0 0
RD McF0052H23-MGRbd1 537 0 0
RD McF0050B08-MGRbd1 526 0 0
CO CL829Contig1 608 3 0 U
RD McF0026K21-MGRbd1 403 0 0
RD McF0048G16-MGRbd1 617 0 0
RD McF0054I22-MGRbd1 554 0 0
CO CL830Contig1 1034 3 0 U
RD McF0024B10-MGRbd1 581 0 0
RD McF0024B10-MGRbd2 533 0 0
RD McF0039I17-MGRbd1 516 0 0
CO CL831Contig1 544 3 0 U
RD McF0052M02-MGRbd1 527 0 0
RD McF0050O12-MGRbd1 546 0 0
RD McF0037N22-MGRbd1 544 0 0
CO CL832Contig1 615 3 0 U
RD McF0046P10-MGRbd1 278 0 0
RD McF0027K08-MGRbd1 617 0 0
RD McF0045N10-MGRbd1 543 0 0
CO CL833Contig1 703 3 0 U
RD McF0031G24-MGRbd1 539 0 0
RD McF0026J12-MGRbd1 617 0 0
RD McF0040A13-MGRbd1 619 0 0
CO CL834Contig1 734 3 0 U
RD McF0032J16-MGRbd1 533 0 0
RD McF0023K14-MGRbd2 615 0 0
RD McF0023K14-MGRbd1 739 0 0
CO CL835Contig1 596 3 0 U
RD McF0025F22-MGRbd2 612 0 0
RD McF0036F11-MGRbd1 512 0 0
RD McF0025F22-MGRbd1 504 0 0
CO CL836Contig1 670 3 0 U
RD McF0026N16-MGRbd1 672 0 0
RD McF0037N15-MGRbd1 518 0 0
RD McF0025C10-MGRbd2 209 0 0
CO CL837Contig1 889 3 0 U
RD McF0035K15-MGRbd1 119 0 0
RD McF0026E13-MGRbd1 517 0 0
RD McF0046J02-MGRbd1 565 0 0
CO CL838Contig1 595 3 0 U
RD McF0045B21-MGRbd1 493 0 0
RD McF0053K12-MGRbd1 590 0 0
RD McF0038N03-MGRbd1 562 0 0
CO CL839Contig1 606 3 0 U

RD McF0034F24-MGRbd1 203 0 0
RD McF0021H23-MGRbd1 560 0 0
RD McF0039P09-MGRbd1 600 0 0
CO CL840Contig1 577 3 0 U
RD McF0043H04-MGRbd1 525 0 0
RD McF0048P24-MGRbd1 583 0 0
RD McF0040A01-MGRbd1 576 0 0
CO CL841Contig1 741 3 0 U
RD McF0038N01-MGRbd1 619 0 0
RD McF0023C21-MGRbd2 621 0 0
RD McF0023C21-MGRbd1 760 0 0
CO CL842Contig1 642 3 0 U
RD McF0029O08-MGRbd1 633 0 0
RD McF0045B15-MGRbd1 628 0 0
RD McF0047K03-MGRbd1 528 0 0
CO CL843Contig1 559 3 0 U
RD McF0025D02-MGRbd1 125 0 0
RD McF0032H24-MGRbd1 501 0 0
RD McF0025D02-MGRbd2 162 0 0
CO CL844Contig1 641 3 0 U
RD McF0025D09-MGRbd2 628 0 0
RD McF0052C24-MGRbd1 634 0 0
RD McF0025D09-MGRbd1 207 0 0
CO CL845Contig1 962 3 0 U
RD McF0040N08-MGRbd1 580 0 0
RD McF0041E06-MGRbd1 652 0 0
RD McF0045D17-MGRbd1 627 0 0
CO CL846Contig1 425 2 0 U
RD McF0035F02-MGRbd1 172 0 0
RD McF0037M23-MGRbd1 350 0 0
CO CL847Contig1 731 3 0 U
RD McF0032G07-MGRbd1 729 0 0
RD McF0029D05-MGRbd1 660 0 0
RD McF0049A23-MGRbd1 621 0 0
CO CL848Contig1 696 3 0 U
RD McF0027O24-MGRbd1 540 0 0
RD McF0021D19-MGRbd1 696 0 0
RD McF0026A18-MGRbd1 712 0 0
CO CL849Contig1 684 3 0 U
RD McF0023L12-MGRbd2 640 0 0
RD McF0023L12-MGRbd1 671 0 0
RD McF0051H14-MGRbd1 651 0 0
CO CL850Contig1 694 3 0 U
RD McF0024P17-MGRbd2 604 0 0
RD McF0038P10-MGRbd1 627 0 0
RD McF0040G12-MGRbd1 696 0 0
CO CL851Contig1 448 2 0 U
RD McF0031N01-MGRbd1 198 0 0
RD McF0040J09-MGRbd1 453 0 0
CO CL852Contig1 650 3 0 U
RD McF0037F01-MGRbd1 638 0 0
RD McF0026G04-MGRbd1 629 0 0
RD McF0053M02-MGRbd1 615 0 0
CO CL853Contig1 729 3 0 U
RD McF0023N05-MGRbd1 678 0 0
RD McF0023N05-MGRbd2 601 0 0
RD McF0031O22-MGRbd1 757 0 0
CO CL854Contig1 203 3 0 U
RD McF0051F22-MGRbd1 212 0 0
RD McF0027E11-MGRbd1 157 0 0
RD McF0055H11-MGRbd1 158 0 0
CO CL855Contig1 681 3 0 U
RD McF0022N24-MGRbd1 639 0 0

RD McF0023C03-MGRbd1 675 0 0
RD McF0023C03-MGRbd2 647 0 0
CO CL856Contig1 630 3 0 U
RD McF0029L12-MGRbd1 421 0 0
RD McF0023J03-MGRbd1 630 0 0
RD McF0023J03-MGRbd2 617 0 0
CO CL857Contig1 1032 3 0 U
RD McF0026E14-MGRbd1 691 0 0
RD McF0033K23-MGRbd1 662 0 0
RD McF0049D24-MGRbd1 553 0 0
CO CL858Contig1 711 3 0 U
RD McF0050K13-MGRbd1 710 0 0
RD McF0051F18-MGRbd1 621 0 0
RD McF0052N13-MGRbd1 630 0 0
CO CL859Contig1 767 2 0 U
RD McF0054O02-MGRbd1 638 0 0
RD McF0021O16-MGRbd1 778 0 0
CO CL860Contig1 683 3 0 U
RD McF0032F16-MGRbd1 664 0 0
RD McF0034N23-MGRbd2 668 0 0
RD McF0034N23-MGRbd1 418 0 0
CO CL861Contig1 706 3 0 U
RD McF0024O17-MGRbd1 706 0 0
RD McF0024O17-MGRbd2 659 0 0
RD McF0024F20-MGRbd2 577 0 0
CO CL862Contig1 674 3 0 U
RD McF0041C09-MGRbd1 308 0 0
RD McF0039H09-MGRbd1 609 0 0
RD McF0055K01-MGRbd1 647 0 0
CO CL863Contig1 703 3 0 U
RD McF0034C06-MGRbd2 656 0 0
RD McF0034C06-MGRbd1 717 0 0
RD McF0039C15-MGRbd1 683 0 0
CO CL864Contig1 759 3 0 U
RD McF0024E03-MGRbd2 747 0 0
RD McF0052B15-MGRbd1 716 0 0
RD McF0031C11-MGRbd1 699 0 0
CO CL865Contig1 1238 3 0 U
RD McF0024C11-MGRbd1 702 0 0
RD McF0024C11-MGRbd2 666 0 0
RD McF0035E02-MGRbd1 707 0 0
CO CL866Contig1 837 3 0 U
RD McF0042M18-MGRbd1 694 0 0
RD McF0041J03-MGRbd1 694 0 0
RD McF0048L23-MGRbd1 615 0 0
CO CL867Contig1 702 3 0 U
RD McF0027C12-MGRbd1 612 0 0
RD McF0024E13-MGRbd1 706 0 0
RD McF0024E13-MGRbd2 692 0 0
CO CL868Contig1 717 3 0 U
RD McF0026C18-MGRbd1 696 0 0
RD McF0047J13-MGRbd1 698 0 0
RD McF0054F08-MGRbd1 710 0 0
CO CL869Contig1 743 3 0 U
RD McF0055C17-MGRbd1 595 0 0
RD McF0052P22-MGRbd1 735 0 0
RD McF0052A12-MGRbd1 747 0 0
CO CL870Contig1 760 3 0 U
RD McF0023H02-MGRbd1 647 0 0
RD McF0023H02-MGRbd2 772 0 0
RD McF0037D01-MGRbd1 684 0 0
CO CL871Contig1 762 3 0 U
RD McF0042J09-MGRbd1 485 0 0

RD McF0049M10-MGRbd1 771 0 0
RD McF0050M07-MGRbd1 641 0 0
CO CL872Contig1 1108 3 0 U
RD McF0036A11-MGRbd1 484 0 0
RD McF0050G21-MGRbd1 641 0 0
RD McF0036G09-MGRbd1 704 0 0
CO CL873Contig1 634 3 0 U
RD McF0023P15-MGRbd1 229 0 0
RD McF0023P15-MGRbd2 88 0 0
RD McF0027G08-MGRbd1 671 0 0
CO CL874Contig1 700 3 0 U
RD McF0024C01-MGRbd2 699 0 0
RD McF0032P15-MGRbd1 690 0 0
RD McF0028O23-MGRbd1 638 0 0
CO CL875Contig1 655 3 0 U
RD McF0040F17-MGRbd1 566 0 0
RD McF0043O10-MGRbd1 652 0 0
RD McF0048O12-MGRbd1 662 0 0
CO CL876Contig1 683 3 0 U
RD McF0029J17-MGRbd1 502 0 0
RD McF0024C05-MGRbd1 681 0 0
RD McF0024C05-MGRbd2 688 0 0
CO CL877Contig1 829 3 0 U
RD McF0023H18-MGRbd2 705 0 0
RD McF0023H18-MGRbd1 687 0 0
RD McF0044C06-MGRbd1 456 0 0
CO CL878Contig1 689 3 0 U
RD McF0023O10-MGRbd1 660 0 0
RD McF0023O10-MGRbd2 693 0 0
RD McF0037I07-MGRbd1 683 0 0
CO CL879Contig1 777 3 0 U
RD McF0023O17-MGRbd1 772 0 0
RD McF0053E02-MGRbd1 643 0 0
RD McF0023O17-MGRbd2 510 0 0
CO CL880Contig1 687 3 0 U
RD McF0023O03-MGRbd2 559 0 0
RD McF0043B14-MGRbd1 662 0 0
RD McF0023O03-MGRbd1 696 0 0
CO CL881Contig1 632 3 0 U
RD McF0024P08-MGRbd2 570 0 0
RD McF0024P08-MGRbd1 634 0 0
RD McF0025G09-MGRbd2 589 0 0
CO CL882Contig1 611 3 0 U
RD McF0031G19-MGRbd1 83 0 0
RD McF0031N07-MGRbd1 582 0 0
RD McF0035F15-MGRbd1 623 0 0
CO CL883Contig1 680 3 0 U
RD McF0050H22-MGRbd1 586 0 0
RD McF0050F22-MGRbd1 619 0 0
RD McF0053B12-MGRbd1 628 0 0
CO CL884Contig1 727 3 0 U
RD McF0026H04-MGRbd1 701 0 0
RD McF0026A08-MGRbd1 588 0 0
RD McF0050B15-MGRbd1 572 0 0
CO CL885Contig1 980 2 0 U
RD McF0049F12-MGRbd1 637 0 0
RD McF0055L05-MGRbd1 540 0 0
CO CL886Contig1 1116 3 0 U
RD McF0027F21-MGRbd1 652 0 0
RD McF0034E23-MGRbd1 648 0 0
RD McF0034E23-MGRbd2 601 0 0
CO CL887Contig1 761 3 0 U
RD McF0029P04-MGRbd1 447 0 0

RD McF0022G01-MGRbd1 628 0 0
RD McF0030H22-MGRbd1 649 0 0
CO CL888Contig1 650 3 0 U
RD McF0044O21-MGRbd1 550 0 0
RD McF0054J07-MGRbd1 648 0 0
RD McF0054M01-MGRbd1 657 0 0
CO CL889Contig1 680 3 0 U
RD McF0047C06-MGRbd1 577 0 0
RD McF0051N13-MGRbd1 549 0 0
RD McF0042O17-MGRbd1 694 0 0
CO CL890Contig1 676 3 0 U
RD McF0031G08-MGRbd1 615 0 0
RD McF0047J08-MGRbd1 621 0 0
RD McF0046I22-MGRbd1 534 0 0
CO CL891Contig1 640 2 0 U
RD McF0024I11-MGRbd1 567 0 0
RD McF0024I11-MGRbd2 654 0 0
CO CL892Contig1 213 3 0 U
RD McF0021P14-MGRbd1 650 0 0
RD McF0025I14-MGRbd1 206 0 0
RD McF0025I14-MGRbd2 189 0 0
CO CL893Contig1 632 3 0 U
RD McF0029O20-MGRbd1 677 0 0
RD McF0038H07-MGRbd1 573 0 0
RD McF0039F15-MGRbd1 655 0 0
CO CL894Contig1 937 3 0 U
RD McF0048M03-MGRbd1 187 0 0
RD McF0037E03-MGRbd1 640 0 0
RD McF0047J07-MGRbd1 398 0 0
CO CL895Contig1 624 3 0 U
RD McF0022D05-MGRbd1 626 0 0
RD McF0041B08-MGRbd1 593 0 0
RD McF0049H11-MGRbd1 611 0 0
CO CL896Contig1 667 3 0 U
RD McF0029N23-MGRbd1 627 0 0
RD McF0027A23-MGRbd1 556 0 0
RD McF0053N12-MGRbd1 660 0 0
CO CL897Contig1 620 3 0 U
RD McF0050A02-MGRbd1 621 0 0
RD McF0049D04-MGRbd1 383 0 0
RD McF0048C02-MGRbd1 577 0 0
CO CL898Contig1 661 3 0 U
RD McF0031B02-MGRbd1 591 0 0
RD McF0026B13-MGRbd1 645 0 0
RD McF0055B05-MGRbd1 605 0 0
CO CL899Contig1 967 3 0 U
RD McF0041E11-MGRbd1 603 0 0
RD McF0023A06-MGRbd1 843 0 0
RD McF0026A22-MGRbd1 564 0 0
CO CL900Contig1 641 3 0 U
RD McF0036M22-MGRbd1 619 0 0
RD McF0024F07-MGRbd1 595 0 0
RD McF0024F07-MGRbd2 633 0 0
CO CL901Contig1 734 3 0 U
RD McF0039K10-MGRbd1 395 0 0
RD McF0028I10-MGRbd1 605 0 0
RD McF0028A24-MGRbd1 735 0 0
CO CL902Contig1 660 3 0 U
RD McF0024K17-MGRbd1 504 0 0
RD McF0024K17-MGRbd2 668 0 0
RD McF0050I06-MGRbd1 661 0 0
CO CL903Contig1 601 3 0 U
RD McF0025J17-MGRbd1 147 0 0

RD McF0054B09-MGRbd1 131 0 0
RD McF0025J17-MGRbd2 601 0 0
CO CL904Contig1 632 3 0 U
RD McF0024O10-MGRbd1 271 0 0
RD McF0040F03-MGRbd1 639 0 0
RD McF0024O10-MGRbd2 594 0 0
CO CL905Contig1 701 3 0 U
RD McF0025P11-MGRbd1 144 0 0
RD McF0049M16-MGRbd1 636 0 0
RD McF0053A01-MGRbd1 648 0 0
CO CL906Contig1 585 3 0 U
RD McF0046J14-MGRbd1 288 0 0
RD McF0032H18-MGRbd1 181 0 0
RD McF0054G03-MGRbd1 588 0 0
CO CL907Contig1 698 3 0 U
RD McF0032N05-MGRbd1 560 0 0
RD McF0024I01-MGRbd1 623 0 0
RD McF0024I01-MGRbd2 703 0 0
CO CL908Contig1 666 3 0 U
RD McF0047K19-MGRbd1 640 0 0
RD McF0033A14-MGRbd1 590 0 0
RD McF0047C05-MGRbd1 666 0 0
CO CL909Contig1 695 3 0 U
RD McF0024N08-MGRbd1 622 0 0
RD McF0024N08-MGRbd2 596 0 0
RD McF0033J24-MGRbd1 717 0 0
CO CL910Contig1 655 3 0 U
RD McF0041A11-MGRbd1 350 0 0
RD McF0023A11-MGRbd1 660 0 0
RD McF0023A11-MGRbd2 592 0 0
CO CL911Contig1 734 3 0 U
RD McF0023K03-MGRbd2 339 0 0
RD McF0023K03-MGRbd1 718 0 0
RD McF0046A09-MGRbd1 631 0 0
CO CL912Contig1 740 3 0 U
RD McF0030K21-MGRbd1 325 0 0
RD McF0043P16-MGRbd1 155 0 0
RD McF0050F24-MGRbd1 552 0 0
CO CL913Contig1 655 2 0 U
RD McF0052F02-MGRbd1 569 0 0
RD McF0049J11-MGRbd1 671 0 0
CO CL914Contig1 816 3 0 U
RD McF0042E10-MGRbd1 314 0 0
RD McF0052B05-MGRbd1 561 0 0
RD McF0042L08-MGRbd1 173 0 0
CO CL915Contig1 652 3 0 U
RD McF0022B11-MGRbd1 641 0 0
RD McF0034K23-MGRbd2 623 0 0
RD McF0034K23-MGRbd1 500 0 0
CO CL916Contig1 953 3 0 U
RD McF0023I13-MGRbd2 588 0 0
RD McF0023I13-MGRbd1 698 0 0
RD McF0027B01-MGRbd1 516 0 0
CO CL917Contig1 599 3 0 U
RD McF0045M09-MGRbd1 603 0 0
RD McF0035P07-MGRbd1 599 0 0
RD McF0030P04-MGRbd1 599 0 0
CO CL918Contig1 770 3 0 U
RD McF0021B08-MGRbd1 740 0 0
RD McF0048M20-MGRbd1 478 0 0
RD McF0040D05-MGRbd1 678 0 0
CO CL919Contig1 1080 3 0 U
RD McF0021J19-MGRbd1 776 0 0

RD McF0026G17-MGRbd1 677 0 0
RD McF0030P03-MGRbd1 422 0 0
CO CL920Contig1 694 3 0 U
RD McF0043F12-MGRbd1 576 0 0
RD McF0047F03-MGRbd1 587 0 0
RD McF0043L15-MGRbd1 694 0 0
CO CL921Contig1 579 3 0 U
RD McF0024B09-MGRbd1 596 0 0
RD McF0042E23-MGRbd1 597 0 0
RD McF0024B09-MGRbd2 473 0 0
CO CL922Contig1 478 2 0 U
RD McF0021K03-MGRbd1 482 0 0
RD McF0023L04-MGRbd2 429 0 0
CO CL923Contig1 635 3 0 U
RD McF0039P07-MGRbd1 602 0 0
RD McF0030C08-MGRbd1 566 0 0
RD McF0055I17-MGRbd1 610 0 0
CO CL924Contig1 793 3 0 U
RD McF0045P20-MGRbd1 471 0 0
RD McF0033G23-MGRbd1 556 0 0
RD McF0047D07-MGRbd1 469 0 0
CO CL925Contig1 579 3 0 U
RD McF0025I23-MGRbd1 151 0 0
RD McF0025C17-MGRbd2 527 0 0
RD McF0025I23-MGRbd2 592 0 0
CO CL926Contig1 677 3 0 U
RD McF0028C07-MGRbd1 448 0 0
RD McF0027J18-MGRbd1 522 0 0
RD McF0038I05-MGRbd1 693 0 0
CO CL927Contig1 786 3 0 U
RD McF0034F24-MGRbd2 465 0 0
RD McF0034F22-MGRbd1 688 0 0
RD McF0055I15-MGRbd1 645 0 0
CO CL928Contig1 668 3 0 U
RD McF0053D20-MGRbd1 562 0 0
RD McF0054J20-MGRbd1 568 0 0
RD McF0053B18-MGRbd1 688 0 0
CO CL929Contig1 626 3 0 U
RD McF0025D11-MGRbd1 238 0 0
RD McF0039O21-MGRbd1 577 0 0
RD McF0025D11-MGRbd2 635 0 0
CO CL930Contig1 669 3 0 U
RD McF0042H20-MGRbd1 407 0 0
RD McF0039J08-MGRbd1 562 0 0
RD McF0039O01-MGRbd1 677 0 0
CO CL931Contig1 627 3 0 U
RD McF0030E10-MGRbd1 598 0 0
RD McF0038C04-MGRbd1 596 0 0
RD McF0032A14-MGRbd1 631 0 0
CO CL932Contig1 702 3 0 U
RD McF0046F11-MGRbd1 528 0 0
RD McF0048O05-MGRbd1 318 0 0
RD McF0047I23-MGRbd1 704 0 0
CO CL933Contig1 645 3 0 U
RD McF0054D15-MGRbd1 413 0 0
RD McF0053O11-MGRbd1 652 0 0
RD McF0055B10-MGRbd1 584 0 0
CO CL934Contig1 705 3 0 U
RD McF0035K23-MGRbd1 560 0 0
RD McF0026I05-MGRbd1 573 0 0
RD McF0053B06-MGRbd1 731 0 0
CO CL935Contig1 643 2 0 U
RD McF0041N15-MGRbd1 591 0 0

RD McF0035N21-MGRbd1 646 0 0
CO CL936Contig1 579 3 0 U
RD McF0026N18-MGRbd1 650 0 0
RD McF0055L21-MGRbd1 602 0 0
RD McF0053M20-MGRbd1 562 0 0
CO CL937Contig1 630 3 0 U
RD McF0025F15-MGRbd2 332 0 0
RD McF0047E06-MGRbd1 557 0 0
RD McF0048K21-MGRbd1 634 0 0
CO CL938Contig1 651 3 0 U
RD McF0030H15-MGRbd1 619 0 0
RD McF0048B15-MGRbd1 633 0 0
RD McF0042K10-MGRbd1 498 0 0
CO CL939Contig1 648 3 0 U
RD McF0024O21-MGRbd1 402 0 0
RD McF0021F19-MGRbd1 562 0 0
RD McF0024O21-MGRbd2 582 0 0
CO CL940Contig1 796 3 0 U
RD McF0048C17-MGRbd1 89 0 0
RD McF0038J19-MGRbd1 568 0 0
RD McF0046A02-MGRbd1 795 0 0
CO CL941Contig1 614 2 0 U
RD McF0043E18-MGRbd1 574 0 0
RD McF0052C11-MGRbd1 614 0 0
CO CL942Contig1 419 3 0 U
RD McF0026J23-MGRbd1 403 0 0
RD McF0027D19-MGRbd1 368 0 0
RD McF0031I07-MGRbd1 687 0 0
CO CL943Contig1 611 3 0 U
RD McF0022G19-MGRbd1 586 0 0
RD McF0045H20-MGRbd1 400 0 0
RD McF0053I21-MGRbd1 557 0 0
CO CL944Contig1 710 3 0 U
RD McF0032E17-MGRbd1 671 0 0
RD McF0039J13-MGRbd1 600 0 0
RD McF0042D04-MGRbd1 553 0 0
CO CL945Contig1 690 3 0 U
RD McF0031N08-MGRbd1 339 0 0
RD McF0046N10-MGRbd1 596 0 0
RD McF0033E16-MGRbd1 690 0 0
CO CL946Contig1 305 3 0 U
RD McF0031N02-MGRbd1 577 0 0
RD McF0034M12-MGRbd2 194 0 0
RD McF0034M12-MGRbd1 222 0 0
CO CL947Contig1 594 3 0 U
RD McF0024K03-MGRbd1 573 0 0
RD McF0024K03-MGRbd2 592 0 0
RD McF0044P11-MGRbd1 604 0 0
CO CL948Contig1 396 3 0 U
RD McF0028P02-MGRbd1 140 0 0
RD McF0025M16-MGRbd1 241 0 0
RD McF0025M16-MGRbd2 401 0 0
CO CL949Contig1 703 3 0 U
RD McF0051O16-MGRbd1 609 0 0
RD McF0024H02-MGRbd1 555 0 0
RD McF0024H02-MGRbd2 709 0 0
CO CL950Contig1 615 3 0 U
RD McF0048L18-MGRbd1 278 0 0
RD McF0041K21-MGRbd1 618 0 0
RD McF0050M08-MGRbd1 604 0 0
CO CL951Contig1 1017 3 0 U
RD McF0045H04-MGRbd1 589 0 0
RD McF0046K11-MGRbd1 544 0 0

RD McF0039C16-MGRbd1 226 0 0
CO CL952Contig1 585 3 0 U
RD McF0045D11-MGRbd1 594 0 0
RD McF0055E17-MGRbd1 562 0 0
RD McF0037I12-MGRbd1 586 0 0
CO CL953Contig1 726 3 0 U
RD McF0028K01-MGRbd1 323 0 0
RD McF0054P10-MGRbd1 599 0 0
RD McF0031K17-MGRbd1 742 0 0
CO CL954Contig1 1057 2 0 U
RD McF0028H08-MGRbd1 661 0 0
RD McF0039A16-MGRbd1 482 0 0
CO CL955Contig1 666 3 0 U
RD McF0038M06-MGRbd1 578 0 0
RD McF0022G23-MGRbd1 530 0 0
RD McF0040E02-MGRbd1 687 0 0
CO CL956Contig1 581 3 0 U
RD McF0042C07-MGRbd1 348 0 0
RD McF0023J24-MGRbd1 581 0 0
RD McF0023J24-MGRbd2 564 0 0
CO CL957Contig1 529 3 0 U
RD McF0028O04-MGRbd1 137 0 0
RD McF0026P24-MGRbd1 372 0 0
RD McF0050G12-MGRbd1 330 0 0
CO CL958Contig1 783 3 0 U
RD McF0050H18-MGRbd1 626 0 0
RD McF0052B14-MGRbd1 585 0 0
RD McF0054D14-MGRbd1 591 0 0
CO CL959Contig1 659 3 0 U
RD McF0036F01-MGRbd1 410 0 0
RD McF0034P17-MGRbd1 659 0 0
RD McF0034P17-MGRbd2 571 0 0
CO CL960Contig1 606 3 0 U
RD McF0025C24-MGRbd2 608 0 0
RD McF0050I05-MGRbd1 588 0 0
RD McF0025C24-MGRbd1 433 0 0
CO CL961Contig1 612 3 0 U
RD McF0038N22-MGRbd1 371 0 0
RD McF0047M20-MGRbd1 570 0 0
RD McF0045G15-MGRbd1 617 0 0
CO CL962Contig1 650 3 0 U
RD McF0024N13-MGRbd1 442 0 0
RD McF0031I14-MGRbd1 650 0 0
RD McF0024N13-MGRbd2 533 0 0
CO CL963Contig1 1199 3 0 U
RD McF0023G01-MGRbd1 781 0 0
RD McF0023G01-MGRbd2 738 0 0
RD McF0040E15-MGRbd1 682 0 0
CO CL964Contig1 656 3 0 U
RD McF0033I08-MGRbd1 575 0 0
RD McF0031J16-MGRbd1 573 0 0
RD McF0038H01-MGRbd1 551 0 0
CO CL965Contig1 626 3 0 U
RD McF0033P12-MGRbd1 154 0 0
RD McF0024B02-MGRbd2 569 0 0
RD McF0024B02-MGRbd1 631 0 0
CO CL966Contig1 675 3 0 U
RD McF0024L08-MGRbd1 594 0 0
RD McF0039D17-MGRbd1 244 0 0
RD McF0024L08-MGRbd2 675 0 0
CO CL967Contig1 601 3 0 U
RD McF0042K22-MGRbd1 469 0 0
RD McF0049K21-MGRbd1 580 0 0

RD McF0053F11-MGRbd1 591 0 0
CO CL968Contig1 700 3 0 U
RD McF0025E21-MGRbd2 652 0 0
RD McF0025E21-MGRbd1 459 0 0
RD McF0053M23-MGRbd1 580 0 0
CO CL969Contig1 669 3 0 U
RD McF0044J16-MGRbd1 614 0 0
RD McF0022P24-MGRbd1 665 0 0
RD McF0046B15-MGRbd1 299 0 0
CO CL970Contig1 564 3 0 U
RD McF0026J08-MGRbd1 400 0 0
RD McF0024O19-MGRbd1 529 0 0
RD McF0024O19-MGRbd2 570 0 0
CO CL971Contig1 599 2 0 U
RD McF0044B19-MGRbd1 268 0 0
RD McF0052L10-MGRbd1 587 0 0
CO CL972Contig1 570 2 0 U
RD McF0025I20-MGRbd1 308 0 0
RD McF0025I20-MGRbd2 442 0 0
CO CL973Contig1 706 2 0 U
RD McF0034O12-MGRbd1 370 0 0
RD McF0034O12-MGRbd2 713 0 0
CO CL974Contig1 395 2 0 U
RD McF0023A12-MGRbd1 395 0 0
RD McF0023A12-MGRbd2 395 0 0
CO CL975Contig1 649 2 0 U
RD McF0048N07-MGRbd1 129 0 0
RD McF0055K09-MGRbd1 654 0 0
CO CL976Contig1 555 2 0 U
RD McF0033C05-MGRbd1 349 0 0
RD McF0052O08-MGRbd1 565 0 0
CO CL977Contig1 636 2 0 U
RD McF0024K11-MGRbd1 262 0 0
RD McF0024K11-MGRbd2 643 0 0
CO CL978Contig1 561 2 0 U
RD McF0025J07-MGRbd1 172 0 0
RD McF0025J07-MGRbd2 572 0 0
CO CL979Contig1 438 2 0 U
RD McF0048E18-MGRbd1 192 0 0
RD McF0036M23-MGRbd1 452 0 0
CO CL980Contig1 613 2 0 U
RD McF0044J11-MGRbd1 601 0 0
RD McF0052I23-MGRbd1 502 0 0
CO CL981Contig1 577 2 0 U
RD McF0041L08-MGRbd1 252 0 0
RD McF0043C18-MGRbd1 592 0 0
CO CL982Contig1 670 2 0 U
RD McF0048J24-MGRbd1 638 0 0
RD McF0054L01-MGRbd1 288 0 0
CO CL983Contig1 658 2 0 U
RD McF0039K09-MGRbd1 659 0 0
RD McF0043K20-MGRbd1 239 0 0
CO CL984Contig1 387 2 0 U
RD McF0025F10-MGRbd1 256 0 0
RD McF0025F10-MGRbd2 393 0 0
CO CL985Contig1 405 2 0 U
RD McF0030K23-MGRbd1 428 0 0
RD McF0030I23-MGRbd1 200 0 0
CO CL986Contig1 353 2 0 U
RD McF0024D11-MGRbd1 365 0 0
RD McF0024D11-MGRbd2 365 0 0
CO CL987Contig1 520 2 0 U
RD McF0029I06-MGRbd1 155 0 0

RD McF0047I06-MGRbd1 525 0 0
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RD McF0054A19-MGRbd1 162 0 0
RD McF0050J01-MGRbd1 227 0 0
CO CL989Contig1 1020 2 0 U
RD McF0050E12-MGRbd1 656 0 0
RD McF0050H17-MGRbd1 561 0 0
CO CL990Contig1 617 2 0 U
RD McF0047I14-MGRbd1 370 0 0
RD McF0047G14-MGRbd1 620 0 0
CO CL991Contig1 682 2 0 U
RD McF0040C23-MGRbd1 446 0 0
RD McF0041K24-MGRbd1 513 0 0
CO CL992Contig1 707 2 0 U
RD McF0024F14-MGRbd1 362 0 0
RD McF0024F14-MGRbd2 727 0 0
CO CL993Contig1 545 2 0 U
RD McF0026M14-MGRbd1 406 0 0
RD McF0037O12-MGRbd1 519 0 0
CO CL994Contig1 638 2 0 U
RD McF0025F19-MGRbd1 366 0 0
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RD McF0034M22-MGRbd1 162 0 0
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RD McF0025F11-MGRbd2 550 0 0
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RD McF0027H03-MGRbd1 189 0 0
RD McF0050P07-MGRbd1 197 0 0
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RD McF0025C04-MGRbd1 574 0 0
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RD McF0034I04-MGRbd1 271 0 0
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RD McF0037J05-MGRbd1 503 0 0
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RD McF0025N16-MGRbd2 190 0 0
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RD McF0049G16-MGRbd1 635 0 0
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RD McF0052B21-MGRbd1 586 0 0
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RD McF0028A22-MGRbd1 297 0 0
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RD McF0034G13-MGRbd1 287 0 0
RD McF0034G13-MGRbd2 286 0 0
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RD McF0029D19-MGRbd1 249 0 0
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RD McF0027A14-MGRbd1 162 0 0

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RD McF0048P02-MGRbd1 174 0 0
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RD McF0023H15-MGRbd2 390 0 0
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RD McF0024B16-MGRbd2 394 0 0
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RD McF0039B21-MGRbd1 604 0 0
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RD McF0055C13-MGRbd1 560 0 0
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RD McF0025O06-MGRbd2 573 0 0
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RD McF0025L11-MGRbd2 556 0 0
RD McF0032I14-MGRbd1 568 0 0
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RD McF0055P07-MGRbd1 576 0 0
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RD McF0032H08-MGRbd1 179 0 0
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RD McF0036J17-MGRbd1 169 0 0
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RD McF0046A05-MGRbd1 215 0 0
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RD McF0038M04-MGRbd1 362 0 0
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RD McF0034F21-MGRbd1 391 0 0
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RD McF0039E24-MGRbd1 235 0 0
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RD McF0026F15-MGRbd1 632 0 0
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RD McF0040M17-MGRbd1 407 0 0
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RD McF0027C09-MGRbd1 385 0 0
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RD McF0048E13-MGRbd1 565 0 0
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RD McF0046I01-MGRbd1 431 0 0
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RD McF0024F11-MGRbd1 257 0 0
RD McF0024F11-MGRbd2 253 0 0
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RD McF0028C24-MGRbd1 582 0 0

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RD McF0037C02-MGRbd1 669 0 0
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RD McF0050P14-MGRbd1 524 0 0
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RD McF0025F06-MGRbd2 310 0 0
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RD McF0023I14-MGRbd1 493 0 0
RD McF0023I14-MGRbd2 614 0 0
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RD McF0052O13-MGRbd1 147 0 0
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RD McF0023J07-MGRbd2 154 0 0

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RD McF0049P20-MGRbd1 461 0 0
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RD McF0025O01-MGRbd1 259 0 0
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RD McF0028J04-MGRbd1 155 0 0
RD McF0041C04-MGRbd1 574 0 0
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RD McF0029M07-MGRbd1 181 0 0
RD McF0053B23-MGRbd1 607 0 0
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RD McF0049N03-MGRbd1 483 0 0
RD McF0055L14-MGRbd1 641 0 0
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RD McF0035H21-MGRbd1 280 0 0
RD McF0043D09-MGRbd1 574 0 0
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RD McF0024P02-MGRbd1 481 0 0
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CO CL1188Contig1 557 2 0 U
RD McF0054M16-MGRbd1 536 0 0
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RD McF0045D12-MGRbd1 126 0 0
RD McF0029F12-MGRbd1 316 0 0
CO CL1190Contig1 578 2 0 U
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RD McF0055N23-MGRbd1 321 0 0
RD McF0021J12-MGRbd1 641 0 0
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RD McF0023H08-MGRbd2 484 0 0
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RD McF0031K02-MGRbd1 509 0 0
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RD McF0039G08-MGRbd1 509 0 0
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RD McF0046D15-MGRbd1 538 0 0
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RD McF0038F11-MGRbd1 597 0 0
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RD McF0043J18-MGRbd1 608 0 0
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RD McF0033E01-MGRbd1 385 0 0
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RD McF0023B21-MGRbd2 325 0 0
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RD McF0030F11-MGRbd1 551 0 0
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RD McF0028B05-MGRbd1 311 0 0
RD McF0028N13-MGRbd1 336 0 0
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RD McF0025O18-MGRbd1 284 0 0
RD McF0025O18-MGRbd2 542 0 0
CO CL1240Contig1 805 2 0 U
RD McF0029M22-MGRbd1 568 0 0
RD McF0030L21-MGRbd1 450 0 0
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RD McF0025K22-MGRbd2 676 0 0
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RD McF0041I08-MGRbd1 528 0 0
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RD McF0040K23-MGRbd1 640 0 0
RD McF0041D20-MGRbd1 692 0 0
CO CL1245Contig1 547 2 0 U
RD McF0047M23-MGRbd1 353 0 0
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RD McF0034P11-MGRbd1 322 0 0
RD McF0034P11-MGRbd2 284 0 0
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RD McF0025A03-MGRbd2 312 0 0
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RD McF0023B03-MGRbd1 231 0 0
RD McF0023B03-MGRbd2 547 0 0
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RD McF0025M06-MGRbd1 227 0 0
RD McF0025M06-MGRbd2 616 0 0
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RD McF0034J15-MGRbd1 372 0 0
RD McF0034J15-MGRbd2 434 0 0
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RD McF0047H03-MGRbd1 514 0 0
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RD McF0037C20-MGRbd1 623 0 0
RD McF0038P16-MGRbd1 414 0 0
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RD McF0029G13-MGRbd1 621 0 0
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RD McF0043I22-MGRbd1 497 0 0
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RD McF0050F15-MGRbd1 576 0 0
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RD McF0034K05-MGRbd1 319 0 0
RD McF0034K05-MGRbd2 323 0 0
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RD McF0025P12-MGRbd2 636 0 0
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RD McF0024G23-MGRbd2 246 0 0
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RD McF0027P20-MGRbd1 565 0 0
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RD McF0028A13-MGRbd1 377 0 0
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RD McF0043M11-MGRbd1 369 0 0
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RD McF0031N19-MGRbd1 409 0 0
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RD McF0051O24-MGRbd1 602 0 0
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RD McF0025A02-MGRbd2 591 0 0
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RD McF0051I22-MGRbd1 589 0 0
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RD McF0025D13-MGRbd2 312 0 0
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RD McF0021E18-MGRbd1 474 0 0
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RD McF0024J24-MGRbd2 355 0 0
CO CL1338Contig1 432 2 0 U
RD McF0054A17-MGRbd1 326 0 0
RD McF0054G23-MGRbd1 434 0 0
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RD McF0036P03-MGRbd1 474 0 0
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RD McF0023E01-MGRbd2 294 0 0
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RD McF0052P07-MGRbd1 330 0 0
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RD McF0024J02-MGRbd2 694 0 0
CO CL1345Contig1 666 2 0 U
RD McF0024N01-MGRbd1 296 0 0
RD McF0024N01-MGRbd2 654 0 0
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RD McF0031M03-MGRbd1 460 0 0
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RD McF0049G15-MGRbd1 606 0 0
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RD McF0034H17-MGRbd2 276 0 0
CO CL1352Contig1 560 2 0 U
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RD McF0025D24-MGRbd2 544 0 0
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RD McF0023G08-MGRbd1 768 0 0
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RD McF0034F14-MGRbd1 218 0 0
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RD McF0029L10-MGRbd1 176 0 0
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RD McF0023O14-MGRbd2 367 0 0
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RD McF0043H07-MGRbd1 479 0 0
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CO CL1366Contig1 446 2 0 U
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RD McF0023M08-MGRbd1 431 0 0
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RD McF0024K24-MGRbd1 368 0 0
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RD McF0034B04-MGRbd2 344 0 0
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RD McF0032C08-MGRbd1 286 0 0

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RD McF0025K16-MGRbd1 351 0 0

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RD McF0053D22-MGRbd1 548 0 0
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RD McF0024G12-MGRbd2 135 0 0
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RD McF0024E14-MGRbd2 573 0 0
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RD McF0024G16-MGRbd1 651 0 0
RD McF0024G16-MGRbd2 684 0 0
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RD McF0024E04-MGRbd1 636 0 0
RD McF0024E04-MGRbd2 630 0 0
CO CL1710Contig1 674 2 0 U
RD McF0023D12-MGRbd1 662 0 0
RD McF0023D12-MGRbd2 658 0 0
CO CL1711Contig1 628 2 0 U
RD McF0040F21-MGRbd1 620 0 0

RD McF0050O23-MGRbd1 640 0 0
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RD McF0023O19-MGRbd2 654 0 0
RD McF0047J11-MGRbd1 734 0 0
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RD McF0055A01-MGRbd1 619 0 0
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RD McF0053N01-MGRbd1 662 0 0
RD McF0049K14-MGRbd1 684 0 0
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RD McF0023A23-MGRbd1 665 0 0
RD McF0023A23-MGRbd2 664 0 0
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RD McF0024A22-MGRbd1 726 0 0
RD McF0024A22-MGRbd2 682 0 0
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RD McF0023F14-MGRbd2 747 0 0
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RD McF0023I11-MGRbd1 663 0 0
RD McF0023I11-MGRbd2 707 0 0
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RD McF0052K08-MGRbd1 657 0 0
RD McF0055B08-MGRbd1 697 0 0
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RD McF0023K11-MGRbd1 653 0 0
RD McF0023K11-MGRbd2 642 0 0
CO CL1721Contig1 687 2 0 U
RD McF0023A09-MGRbd1 679 0 0
RD McF0023A09-MGRbd2 662 0 0
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RD McF0023I21-MGRbd1 672 0 0
RD McF0023I21-MGRbd2 690 0 0
CO CL1723Contig1 689 2 0 U
RD McF0043B17-MGRbd1 687 0 0
RD McF0052M15-MGRbd1 672 0 0
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RD McF0031E16-MGRbd1 725 0 0
RD McF0048E04-MGRbd1 740 0 0
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RD McF0023F12-MGRbd2 699 0 0
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RD McF0023N12-MGRbd2 705 0 0
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RD McF0023F13-MGRbd1 800 0 0
RD McF0023F13-MGRbd2 745 0 0
CO CL1728Contig1 742 2 0 U
RD McF0023K21-MGRbd1 746 0 0
RD McF0023K21-MGRbd2 743 0 0
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RD McF0023F11-MGRbd2 729 0 0
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RD McF0033A11-MGRbd1 699 0 0
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RD McF0029I22-MGRbd1 712 0 0

RD McF0037L05-MGRbd1 678 0 0
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RD McF0024H14-MGRbd1 775 0 0
RD McF0024H14-MGRbd2 738 0 0
CO CL1734Contig1 745 2 0 U
RD McF0023J19-MGRbd1 737 0 0
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RD McF0022C11-MGRbd1 205 0 0
RD McF0035I07-MGRbd1 209 0 0
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RD McF0024P16-MGRbd2 650 0 0
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CO CL1738Contig1 705 2 0 U
RD McF0049O21-MGRbd1 722 0 0
RD McF0048G04-MGRbd1 664 0 0
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RD McF0034A01-MGRbd2 669 0 0
RD McF0034A01-MGRbd1 697 0 0
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RD McF0024B15-MGRbd1 649 0 0
RD McF0024B15-MGRbd2 649 0 0
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RD McF0023J13-MGRbd1 616 0 0
RD McF0023J13-MGRbd2 638 0 0
CO CL1742Contig1 635 2 0 U
RD McF0023C14-MGRbd2 662 0 0
RD McF0023C14-MGRbd1 616 0 0
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RD McF0034O14-MGRbd2 654 0 0
RD McF0034O14-MGRbd1 700 0 0
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RD McF0022J16-MGRbd1 680 0 0
RD McF0049B21-MGRbd1 710 0 0
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RD McF0052K15-MGRbd1 623 0 0
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RD McF0049E01-MGRbd1 633 0 0
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RD McF0052G24-MGRbd1 677 0 0
RD McF0053N13-MGRbd1 698 0 0
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RD McF0031A07-MGRbd1 656 0 0
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RD McF0024A09-MGRbd1 652 0 0
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RD McF0023K15-MGRbd2 638 0 0
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RD McF0023A13-MGRbd2 654 0 0
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RD McF0045A07-MGRbd1 683 0 0
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RD McF0024A06-MGRbd1 601 0 0
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RD McF0024E22-MGRbd2 600 0 0
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RD McF0033C04-MGRbd1 604 0 0
RD McF0022C18-MGRbd1 731 0 0
CO CL1766Contig1 626 2 0 U
RD McF0024F13-MGRbd1 616 0 0
RD McF0024F13-MGRbd2 626 0 0
CO CL1767Contig1 630 2 0 U
RD McF0023B12-MGRbd1 649 0 0
RD McF0023B12-MGRbd2 606 0 0
CO CL1768Contig1 623 2 0 U
RD McF0039D15-MGRbd1 636 0 0
RD McF0039H05-MGRbd1 598 0 0
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RD McF0037C15-MGRbd1 659 0 0
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CO CL1770Contig1 663 2 0 U
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RD McF0038C20-MGRbd1 657 0 0
RD McF0054H13-MGRbd1 612 0 0
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CO CL1773Contig1 669 2 0 U
RD McF0026H06-MGRbd1 586 0 0
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RD McF0049J14-MGRbd1 619 0 0

RD McF0053A21-MGRbd1 607 0 0
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RD McF0055B11-MGRbd1 643 0 0
RD McF0038M21-MGRbd1 542 0 0
CO CL1776Contig1 651 2 0 U
RD McF0024K09-MGRbd1 580 0 0
RD McF0024K09-MGRbd2 649 0 0
CO CL1777Contig1 614 2 0 U
RD McF0053E07-MGRbd1 599 0 0
RD McF0054L06-MGRbd1 594 0 0
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RD McF0051K01-MGRbd1 609 0 0
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RD McF0054M07-MGRbd1 479 0 0
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RD McF0053J01-MGRbd1 567 0 0
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RD McF0044P09-MGRbd1 580 0 0
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RD McF0023K22-MGRbd2 621 0 0
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RD McF0024N15-MGRbd1 583 0 0
RD McF0024N15-MGRbd2 561 0 0
CO CL1791Contig1 595 2 0 U
RD McF0024B12-MGRbd2 548 0 0
RD McF0026F22-MGRbd1 608 0 0
CO CL1792Contig1 568 2 0 U
RD McF0041A14-MGRbd1 587 0 0
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RD McF0036K11-MGRbd1 591 0 0
RD McF0051I01-MGRbd1 583 0 0
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RD McF0031H21-MGRbd1 628 0 0

RD McF0037M02-MGRbd1 576 0 0
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RD McF0023N17-MGRbd1 650 0 0
RD McF0023N17-MGRbd2 579 0 0
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RD McF0035O04-MGRbd1 595 0 0
RD McF0041L19-MGRbd1 613 0 0
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RD McF0026J20-MGRbd1 617 0 0
RD McF0030K19-MGRbd1 576 0 0
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RD McF0024O14-MGRbd1 543 0 0
RD McF0024O14-MGRbd2 719 0 0
CO CL1800Contig1 633 2 0 U
RD McF0029J01-MGRbd1 628 0 0
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RD McF0031I19-MGRbd1 622 0 0
CO CL1802Contig1 714 2 0 U
RD McF0023G10-MGRbd1 600 0 0
RD McF0023G10-MGRbd2 731 0 0
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RD McF0022D09-MGRbd1 635 0 0
RD McF0037K14-MGRbd1 608 0 0
CO CL1804Contig1 691 2 0 U
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RD McF0022C06-MGRbd1 616 0 0
RD McF0030C03-MGRbd1 597 0 0
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RD McF0031F22-MGRbd1 666 0 0
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RD McF0044D02-MGRbd1 649 0 0
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RD McF0050O02-MGRbd1 635 0 0
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RD McF0024E01-MGRbd2 502 0 0
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RD McF0023L23-MGRbd1 674 0 0
RD McF0023L23-MGRbd2 573 0 0
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RD McF0043M16-MGRbd1 595 0 0
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RD McF0050K04-MGRbd1 617 0 0

RD McF0037H02-MGRbd1 596 0 0
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RD McF0053F08-MGRbd1 287 0 0
RD McF0054J08-MGRbd1 624 0 0
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RD McF0023E03-MGRbd1 617 0 0
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RD McF0025M04-MGRbd2 631 0 0
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RD McF0050L18-MGRbd1 583 0 0
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RD McF0055L17-MGRbd1 645 0 0
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RD McF0040M01-MGRbd1 639 0 0
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RD McF0041O20-MGRbd1 554 0 0
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RD McF0024I06-MGRbd2 607 0 0
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RD McF0023P19-MGRbd2 635 0 0
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RD McF0024K12-MGRbd2 655 0 0
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RD McF0045H06-MGRbd1 596 0 0
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RD McF0034D17-MGRbd2 591 0 0
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RD McF0024N07-MGRbd2 583 0 0
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RD McF0024B11-MGRbd2 588 0 0
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RD McF0023D04-MGRbd2 605 0 0
CO CL1844Contig1 583 2 0 U
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RD McF0054O24-MGRbd1 594 0 0
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RD McF0021J04-MGRbd1 632 0 0
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RD McF0021N13-MGRbd1 607 0 0
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RD McF0039P03-MGRbd1 589 0 0
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RD McF0025J11-MGRbd2 657 0 0
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RD McF0036E16-MGRbd1 689 0 0
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RD McF0051M10-MGRbd1 408 0 0

RD McF0050P21-MGRbd1 579 0 0
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RD McF0034F23-MGRbd1 378 0 0
RD McF0034D21-MGRbd2 435 0 0
CO CL1862Contig1 621 2 0 U
RD McF0024E11-MGRbd1 257 0 0
RD McF0024E11-MGRbd2 641 0 0
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RD McF0043D21-MGRbd1 419 0 0
RD McF0054M14-MGRbd1 529 0 0
CO CL1864Contig1 547 2 0 U
RD McF0023F18-MGRbd2 371 0 0
RD McF0023F18-MGRbd1 559 0 0
CO CL1866Contig1 584 2 0 U
RD McF0024I15-MGRbd1 492 0 0
RD McF0024I15-MGRbd2 570 0 0
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RD McF0034L24-MGRbd1 515 0 0
RD McF0034L24-MGRbd2 613 0 0
CO CL1868Contig1 620 2 0 U
RD McF0022H03-MGRbd1 541 0 0
RD McF0026H03-MGRbd1 640 0 0
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CO CL1870Contig1 598 2 0 U
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RD McF0035N09-MGRbd1 608 0 0
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RD McF0041J10-MGRbd1 536 0 0
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RD McF0037A10-MGRbd1 666 0 0
RD McF0055P16-MGRbd1 563 0 0
CO CL1878Contig1 595 2 0 U
RD McF0021B16-MGRbd1 588 0 0
RD McF0053C21-MGRbd1 529 0 0
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RD McF0045N16-MGRbd1 554 0 0
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RD McF0024O12-MGRbd2 546 0 0
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RD McF0024P11-MGRbd1 543 0 0
RD McF0024P11-MGRbd2 508 0 0
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RD McF0034O09-MGRbd2 523 0 0
RD McF0034O09-MGRbd1 556 0 0
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RD McF0027L16-MGRbd1 567 0 0

RD McF0053O17-MGRbd1 651 0 0
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RD McF0039O10-MGRbd1 611 0 0
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RD McF0022N02-MGRbd1 608 0 0
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RD McF0047C15-MGRbd1 522 0 0
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RD McF0024J04-MGRbd1 399 0 0
RD McF0024J04-MGRbd2 569 0 0
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RD McF0034P06-MGRbd1 433 0 0
RD McF0034P06-MGRbd2 407 0 0
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RD McF0028L09-MGRbd1 267 0 0
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RD McF0023D07-MGRbd2 572 0 0
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RD McF0025O13-MGRbd1 403 0 0
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RD McF0053L12-MGRbd1 671 0 0
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RD McF0028E21-MGRbd1 439 0 0
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RD McF0035M23-MGRbd1 381 0 0
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RD McF0024J14-MGRbd1 399 0 0
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RD McF0021C09-MGRbd1 623 0 0
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RD McF0055D10-MGRbd1 660 0 0
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RD McF0041I07-MGRbd1 536 0 0
RD McF0034G15-MGRbd2 408 0 0
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RD McF0021O22-MGRbd1 570 0 0
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RD McF0034P03-MGRbd1 511 0 0
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RD McF0034M07-MGRbd2 520 0 0
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RD McF0042B07-MGRbd1 469 0 0
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RD McF0025O15-MGRbd2 395 0 0
RD McF0040P23-MGRbd1 571 0 0
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RD McF0025I04-MGRbd1 392 0 0
RD McF0025I04-MGRbd2 609 0 0
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RD McF0021L16-MGRbd1 594 0 0
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RD McF0030J12-MGRbd1 506 0 0
RD McF0035H24-MGRbd1 537 0 0
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RD McF0034D21-MGRbd1 383 0 0
RD McF0034D23-MGRbd2 396 0 0
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RD McF0053L22-MGRbd1 548 0 0
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RD McF0023E12-MGRbd1 504 0 0
RD McF0023E12-MGRbd2 648 0 0
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RD McF0039H06-MGRbd1 509 0 0
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RD McF0050H23-MGRbd1 502 0 0
RD McF0044O19-MGRbd1 580 0 0
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RD McF0027G01-MGRbd1 492 0 0
RD McF0038E20-MGRbd1 625 0 0
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RD McF0049E24-MGRbd1 647 0 0
RD McF0052B10-MGRbd1 585 0 0
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RD McF0034H22-MGRbd1 520 0 0
RD McF0034H24-MGRbd2 496 0 0
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RD McF0033A18-MGRbd1 506 0 0
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RD McF0028J13-MGRbd1 555 0 0
RD McF0032H06-MGRbd1 502 0 0
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RD McF0024P20-MGRbd1 518 0 0
RD McF0024P20-MGRbd2 617 0 0
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RD McF0041B14-MGRbd1 496 0 0

RD McF0048D01-MGRbd1 681 0 0
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RD McF0024P07-MGRbd1 502 0 0
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RD McF0033N11-MGRbd1 496 0 0
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RD McF0024C18-MGRbd2 495 0 0
CO CL1955Contig1 717 2 0 U
RD McF0033A17-MGRbd1 710 0 0
RD McF0049D22-MGRbd1 501 0 0
CO CL1956Contig1 622 2 0 U
RD McF0046N08-MGRbd1 581 0 0
RD McF0049C16-MGRbd1 547 0 0
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RD McF0024I19-MGRbd1 480 0 0
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CO CL1958Contig1 618 2 0 U
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RD McF0032L14-MGRbd1 576 0 0
RD McF0055J14-MGRbd1 604 0 0
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RD McF0044L01-MGRbd1 515 0 0
RD McF0046C10-MGRbd1 625 0 0
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RD McF0033G19-MGRbd1 536 0 0
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RD McF0022F19-MGRbd1 531 0 0
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CO CL1966Contig1 639 2 0 U
RD McF0049K08-MGRbd1 613 0 0
RD McF0051K16-MGRbd1 530 0 0
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RD McF0052E20-MGRbd1 483 0 0
RD McF0052J08-MGRbd1 560 0 0
CO CL1968Contig1 559 2 0 U
RD McF0053I08-MGRbd1 491 0 0
RD McF0022M11-MGRbd1 562 0 0
CO CL1969Contig1 720 2 0 U
RD McF0040O03-MGRbd1 669 0 0
RD McF0044N16-MGRbd1 576 0 0
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RD McF0027I23-MGRbd1 522 0 0

RD McF0040K06-MGRbd1 530 0 0
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RD McF0044E03-MGRbd1 549 0 0
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RD McF0052L12-MGRbd1 509 0 0
RD McF0021F06-MGRbd1 743 0 0
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RD McF0024B06-MGRbd1 526 0 0
RD McF0024B06-MGRbd2 630 0 0
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RD McF0040D24-MGRbd1 507 0 0
RD McF0053J14-MGRbd1 567 0 0
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RD McF0027K13-MGRbd1 553 0 0
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RD McF0047I02-MGRbd1 643 0 0
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RD McF0054H17-MGRbd1 510 0 0
RD McF0023J08-MGRbd2 587 0 0
CO CL1978Contig1 510 2 0 U
RD McF0024D15-MGRbd1 504 0 0
RD McF0024D15-MGRbd2 525 0 0
CO CL1979Contig1 545 2 0 U
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RD McF0034L11-MGRbd2 259 0 0
RD McF0037D13-MGRbd1 493 0 0
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RD McF0045M22-MGRbd1 542 0 0
RD McF0046J18-MGRbd1 520 0 0
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RD McF0044N02-MGRbd1 522 0 0
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RD McF0024M09-MGRbd1 502 0 0
RD McF0024M09-MGRbd2 501 0 0
CO CL1984Contig1 593 2 0 U
RD McF0038E02-MGRbd1 605 0 0
RD McF0040J07-MGRbd1 506 0 0
CO CL1985Contig1 536 2 0 U
RD McF0047A16-MGRbd1 545 0 0
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CO CL1986Contig1 869 2 0 U
RD McF0045M11-MGRbd1 435 0 0
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RD McF0023C18-MGRbd2 512 0 0
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RD McF0055A07-MGRbd1 592 0 0
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RD McF0025B02-MGRbd2 549 0 0
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RD McF0051A22-MGRbd1 515 0 0

RD McF0053A09-MGRbd1 614 0 0
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RD McF0026E15-MGRbd1 505 0 0
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RD McF0023G20-MGRbd2 522 0 0
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CO CL1995Contig1 586 2 0 U
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RD McF0025P10-MGRbd2 578 0 0
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RD McF0023N07-MGRbd2 523 0 0
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RD McF0046B01-MGRbd1 667 0 0
CO CL2000Contig1 571 2 0 U
RD McF0024A12-MGRbd1 507 0 0
RD McF0024A12-MGRbd2 562 0 0
CO CL2001Contig1 538 2 0 U
RD McF0036K05-MGRbd1 548 0 0
RD McF0052K05-MGRbd1 493 0 0
CO CL2003Contig1 651 2 0 U
RD McF0023N04-MGRbd2 496 0 0
RD McF0023N04-MGRbd1 665 0 0
CO CL2004Contig1 633 2 0 U
RD McF0027K21-MGRbd1 645 0 0
RD McF0039J10-MGRbd1 521 0 0
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RD McF0024L06-MGRbd1 536 0 0
RD McF0024L06-MGRbd2 491 0 0
CO CL2006Contig1 645 2 0 U
RD McF0022L23-MGRbd1 599 0 0
RD McF0040A08-MGRbd1 609 0 0
CO CL2007Contig1 586 2 0 U
RD McF0055C05-MGRbd1 552 0 0
RD McF0051D06-MGRbd1 595 0 0
CO CL2008Contig1 630 2 0 U
RD McF0023G06-MGRbd1 522 0 0
RD McF0023G06-MGRbd2 634 0 0
CO CL2009Contig1 633 2 0 U
RD McF0021F01-MGRbd1 607 0 0
RD McF0055F14-MGRbd1 599 0 0
CO CL2011Contig1 576 2 0 U
RD McF0022D08-MGRbd1 504 0 0
RD McF0023L19-MGRbd1 591 0 0
CO CL2012Contig1 503 2 0 U
RD McF0023F15-MGRbd2 518 0 0
RD McF0023F15-MGRbd1 504 0 0
CO CL2013Contig1 630 2 0 U
RD McF0045P17-MGRbd1 577 0 0
RD McF0048M09-MGRbd1 643 0 0
CO CL2014Contig1 620 2 0 U
RD McF0026D14-MGRbd1 611 0 0

RD McF0053K21-MGRbd1 540 0 0
CO CL2015Contig1 634 2 0 U
RD McF0029C19-MGRbd1 633 0 0
RD McF0047G03-MGRbd1 562 0 0
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RD McF0034A02-MGRbd2 523 0 0
RD McF0034A02-MGRbd1 608 0 0
CO CL2017Contig1 677 2 0 U
RD McF0025H22-MGRbd1 504 0 0
RD McF0025H22-MGRbd2 678 0 0
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RD McF0034P14-MGRbd1 514 0 0
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RD McF0027A17-MGRbd1 463 0 0
RD McF0049G24-MGRbd1 604 0 0
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RD McF0027N08-MGRbd1 438 0 0
RD McF0052M17-MGRbd1 649 0 0
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RD McF0029O18-MGRbd1 530 0 0
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RD McF0042E04-MGRbd1 605 0 0
RD McF0047C04-MGRbd1 578 0 0
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RD McF0033P16-MGRbd1 507 0 0
RD McF0040H06-MGRbd1 473 0 0
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RD McF0036N10-MGRbd1 441 0 0
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RD McF0024H11-MGRbd2 626 0 0
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RD McF0022M23-MGRbd1 785 0 0
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RD McF0021E03-MGRbd1 599 0 0
RD McF0054B07-MGRbd1 561 0 0
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RD McF0049E18-MGRbd1 606 0 0
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RD McF0026P12-MGRbd1 612 0 0
RD McF0047E21-MGRbd1 483 0 0
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RD McF0034N20-MGRbd2 532 0 0
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RD McF0029A20-MGRbd1 456 0 0
RD McF0038K24-MGRbd1 476 0 0
CO CL2036Contig1 549 2 0 U
RD McF0031H24-MGRbd1 563 0 0

RD McF0035P20-MGRbd1 447 0 0
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RD McF0038G11-MGRbd1 476 0 0
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RD McF0036O06-MGRbd1 701 0 0
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RD McF0046A10-MGRbd1 506 0 0
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RD McF0026J10-MGRbd1 610 0 0
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RD McF0022G16-MGRbd1 547 0 0
RD McF0044F11-MGRbd1 483 0 0
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RD McF0044L12-MGRbd1 560 0 0
RD McF0048D13-MGRbd1 390 0 0
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RD McF0034B08-MGRbd2 365 0 0
RD McF0045N21-MGRbd1 603 0 0
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RD McF0033P07-MGRbd1 410 0 0
RD McF0049E13-MGRbd1 612 0 0
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RD McF0026G08-MGRbd1 489 0 0
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RD McF0055O14-MGRbd1 498 0 0
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RD McF0023D23-MGRbd2 358 0 0
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RD McF0023N24-MGRbd2 343 0 0
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RD McF0029F19-MGRbd1 665 0 0
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RD McF0024D09-MGRbd1 452 0 0
RD McF0024D09-MGRbd2 607 0 0
CO CL2055Contig1 738 2 0 U
RD McF0027A18-MGRbd1 563 0 0
RD McF0029F09-MGRbd1 637 0 0
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RD McF0024M04-MGRbd1 529 0 0
RD McF0024M04-MGRbd2 489 0 0
CO CL2057Contig1 1012 2 0 U
RD McF0029E08-MGRbd1 624 0 0
RD McF0043P10-MGRbd1 731 0 0
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RD McF0021C02-MGRbd1 603 0 0

RD McF0026D20-MGRbd1 383 0 0
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RD McF0029I18-MGRbd1 380 0 0
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RD McF0027G03-MGRbd1 543 0 0
RD McF0027M20-MGRbd1 455 0 0
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RD McF0021G23-MGRbd1 542 0 0
RD McF0040P12-MGRbd1 485 0 0
CO CL2062Contig1 547 2 0 U
RD McF0024M08-MGRbd1 440 0 0
RD McF0024M08-MGRbd2 554 0 0
CO CL2063Contig1 518 2 0 U
RD McF0037C11-MGRbd1 524 0 0
RD McF0055A11-MGRbd1 470 0 0
CO CL2064Contig1 504 2 0 U
RD McF0052L06-MGRbd1 449 0 0
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RD McF0044N07-MGRbd1 506 0 0
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RD McF0024D14-MGRbd1 463 0 0
RD McF0024D14-MGRbd2 589 0 0
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RD McF0051D15-MGRbd1 501 0 0
RD McF0055K20-MGRbd1 468 0 0
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RD McF0045D14-MGRbd1 524 0 0
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RD McF0024N14-MGRbd1 474 0 0
RD McF0024N14-MGRbd2 670 0 0
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RD McF0027L15-MGRbd1 662 0 0
RD McF0054M08-MGRbd1 498 0 0
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RD McF0039L06-MGRbd1 455 0 0
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RD McF0024L15-MGRbd1 456 0 0
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RD McF0054N22-MGRbd1 531 0 0
RD McF0052M10-MGRbd1 575 0 0
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RD McF0047D10-MGRbd1 646 0 0
RD McF0049I06-MGRbd1 524 0 0
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RD McF0026B24-MGRbd1 541 0 0
RD McF0028K06-MGRbd1 628 0 0
CO CL2079Contig1 614 2 0 U
RD McF0026J24-MGRbd1 617 0 0

RD McF0030N08-MGRbd1 467 0 0
CO CL2080Contig1 617 2 0 U
RD McF0025F02-MGRbd1 455 0 0
RD McF0025F02-MGRbd2 619 0 0
CO CL2081Contig1 532 2 0 U
RD McF0024G15-MGRbd1 457 0 0
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RD McF0023E02-MGRbd1 492 0 0
RD McF0023E02-MGRbd2 611 0 0
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RD McF0048J01-MGRbd1 589 0 0
RD McF0049D12-MGRbd1 530 0 0
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RD McF0023O12-MGRbd2 488 0 0
RD McF0023O12-MGRbd1 639 0 0
CO CL2085Contig1 607 2 0 U
RD McF0054B01-MGRbd1 549 0 0
RD McF0043D03-MGRbd1 611 0 0
CO CL2086Contig1 454 2 0 U
RD McF0024M10-MGRbd2 460 0 0
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RD McF0034P01-MGRbd2 465 0 0
RD McF0034P01-MGRbd1 560 0 0
CO CL2088Contig1 685 2 0 U
RD McF0044G15-MGRbd1 691 0 0
RD McF0045O22-MGRbd1 552 0 0
CO CL2089Contig1 736 2 0 U
RD McF0039A10-MGRbd1 567 0 0
RD McF0046A03-MGRbd1 650 0 0
CO CL2090Contig1 635 2 0 U
RD McF0026H19-MGRbd1 623 0 0
RD McF0052A03-MGRbd1 507 0 0
CO CL2091Contig1 644 2 0 U
RD McF0040A03-MGRbd1 622 0 0
RD McF0053L23-MGRbd1 498 0 0
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RD McF0054D02-MGRbd1 537 0 0
RD McF0054L09-MGRbd1 586 0 0
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RD McF0025C14-MGRbd2 85 0 0
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RD McF0036E08-MGRbd1 693 0 0
RD McF0045P04-MGRbd1 541 0 0
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RD McF0025A16-MGRbd1 509 0 0
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RD McF0033B01-MGRbd1 674 0 0
RD McF0039F17-MGRbd1 517 0 0
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RD McF0025O10-MGRbd1 456 0 0
RD McF0025O10-MGRbd2 653 0 0
CO CL2098Contig1 694 2 0 U
RD McF0043M01-MGRbd1 442 0 0
RD McF0045I18-MGRbd1 704 0 0
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RD McF0045A10-MGRbd1 604 0 0
RD McF0045L13-MGRbd1 554 0 0
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RD McF0033B19-MGRbd1 474 0 0

RD McF0052N10-MGRbd1 557 0 0
CO CL2101Contig1 587 2 0 U
RD McF0038G07-MGRbd1 526 0 0
RD McF0055D02-MGRbd1 573 0 0
CO CL2102Contig1 562 2 0 U
RD McF0025C22-MGRbd1 439 0 0
RD McF0025C22-MGRbd2 562 0 0
CO CL2103Contig1 871 2 0 U
RD McF0039F10-MGRbd1 694 0 0
RD McF0055M19-MGRbd1 642 0 0
CO CL2104Contig1 694 2 0 U
RD McF0054C07-MGRbd1 577 0 0
RD McF0055N11-MGRbd1 653 0 0
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RD McF0026N01-MGRbd1 451 0 0
RD McF0049I10-MGRbd1 717 0 0
CO CL2106Contig1 686 2 0 U
RD McF0024O23-MGRbd1 414 0 0
RD McF0024O23-MGRbd2 699 0 0
CO CL2107Contig1 491 2 0 U
RD McF0028G07-MGRbd1 478 0 0
RD McF0033G18-MGRbd1 474 0 0
CO CL2108Contig1 563 2 0 U
RD McF0021K09-MGRbd1 429 0 0
RD McF0022N07-MGRbd1 573 0 0
CO CL2109Contig1 888 2 0 U
RD McF0033K07-MGRbd1 709 0 0
RD McF0035F09-MGRbd1 594 0 0
CO CL2110Contig1 548 2 0 U
RD McF0024D08-MGRbd1 414 0 0
RD McF0024D08-MGRbd2 551 0 0
CO CL2112Contig1 413 2 0 U
RD McF0024G07-MGRbd2 423 0 0
RD McF0024G07-MGRbd1 401 0 0
CO CL2113Contig1 598 2 0 U
RD McF0046G02-MGRbd1 433 0 0
RD McF0046E22-MGRbd1 606 0 0
CO CL2114Contig1 645 2 0 U
RD McF0049M03-MGRbd1 419 0 0
RD McF0050M18-MGRbd1 652 0 0
CO CL2115Contig1 632 2 0 U
RD McF0035M13-MGRbd1 452 0 0
RD McF0041D02-MGRbd1 640 0 0
CO CL2116Contig1 662 2 0 U
RD McF0024K19-MGRbd2 413 0 0
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CO CL2117Contig1 564 2 0 U
RD McF0024M11-MGRbd1 563 0 0
RD McF0024M11-MGRbd2 421 0 0
CO CL2118Contig1 540 2 0 U
RD McF0034M02-MGRbd1 516 0 0
RD McF0034M02-MGRbd2 511 0 0
CO CL2119Contig1 600 2 0 U
RD McF0025M02-MGRbd1 419 0 0
RD McF0025M02-MGRbd2 602 0 0
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RD McF0024P01-MGRbd2 419 0 0
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CO CL2122Contig1 606 2 0 U
RD McF0027D07-MGRbd1 515 0 0
RD McF0044D14-MGRbd1 566 0 0
CO CL2123Contig1 525 2 0 U
RD McF0034C20-MGRbd2 440 0 0

RD McF0034C20-MGRbd1 530 0 0
CO CL2124Contig1 421 2 0 U
RD McF0024B05-MGRbd2 422 0 0
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CO CL2125Contig1 554 2 0 U
RD McF0029N14-MGRbd1 414 0 0
RD McF0051L13-MGRbd1 571 0 0
CO CL2126Contig1 499 2 0 U
RD McF0027J06-MGRbd1 479 0 0
RD McF0053P10-MGRbd1 445 0 0
CO CL2127Contig1 754 2 0 U
RD McF0031E20-MGRbd1 580 0 0
RD McF0050E20-MGRbd1 606 0 0
CO CL2128Contig1 657 2 0 U
RD McF0022P23-MGRbd1 434 0 0
RD McF0024F19-MGRbd2 625 0 0
CO CL2129Contig1 849 2 0 U
RD McF0022E20-MGRbd1 579 0 0
RD McF0047L18-MGRbd1 603 0 0
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RD McF0050N14-MGRbd1 422 0 0
RD McF0039E03-MGRbd1 521 0 0
CO CL2131Contig1 816 2 0 U
RD McF0038M13-MGRbd1 655 0 0
RD McF0047F08-MGRbd1 613 0 0
CO CL2132Contig1 424 2 0 U
RD McF0040L04-MGRbd1 425 0 0
RD McF0048E21-MGRbd1 433 0 0
CO CL2133Contig1 701 2 0 U
RD McF0024M16-MGRbd1 391 0 0
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CO CL2134Contig1 519 2 0 U
RD McF0034G01-MGRbd2 533 0 0
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CO CL2135Contig1 505 2 0 U
RD McF0030L06-MGRbd1 423 0 0
RD McF0047M07-MGRbd1 517 0 0
CO CL2136Contig1 667 2 0 U
RD McF0033I04-MGRbd1 586 0 0
RD McF0044I23-MGRbd1 569 0 0
CO CL2137Contig1 626 2 0 U
RD McF0025D03-MGRbd1 420 0 0
RD McF0025D03-MGRbd2 630 0 0
CO CL2138Contig1 428 2 0 U
RD McF0024E18-MGRbd2 412 0 0
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CO CL2139Contig1 551 2 0 U
RD McF0025D15-MGRbd1 406 0 0
RD McF0025D15-MGRbd2 566 0 0
CO CL2140Contig1 458 2 0 U
RD McF0024J12-MGRbd1 402 0 0
RD McF0024J12-MGRbd2 467 0 0
CO CL2141Contig1 416 2 0 U
RD McF0023M03-MGRbd1 427 0 0
RD McF0023M03-MGRbd2 429 0 0
CO CL2142Contig1 729 2 0 U
RD McF0051D14-MGRbd1 548 0 0
RD McF0053A18-MGRbd1 583 0 0
CO CL2143Contig1 687 2 0 U
RD McF0027E07-MGRbd1 447 0 0
RD McF0031D07-MGRbd1 689 0 0
CO CL2144Contig1 606 2 0 U
RD McF0025M22-MGRbd1 411 0 0

RD McF0025M22-MGRbd2 612 0 0
CO CL2145Contig1 671 2 0 U
RD McF0024I07-MGRbd1 395 0 0
RD McF0024I07-MGRbd2 692 0 0
CO CL2146Contig1 595 2 0 U
RD McF0041A02-MGRbd1 449 0 0
RD McF0045O24-MGRbd1 595 0 0
CO CL2147Contig1 783 2 0 U
RD McF0037C10-MGRbd1 734 0 0
RD McF0054A08-MGRbd1 482 0 0
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RD McF0028J01-MGRbd1 418 0 0
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RD McF0034N19-MGRbd1 443 0 0
RD McF0034N19-MGRbd2 618 0 0
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RD McF0022B18-MGRbd1 610 0 0
RD McF0048A07-MGRbd1 530 0 0
CO CL2152Contig1 660 2 0 U
RD McF0034O11-MGRbd2 483 0 0
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RD McF0024E10-MGRbd1 383 0 0
RD McF0024E10-MGRbd2 728 0 0
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RD McF0042P19-MGRbd1 549 0 0
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CO CL2155Contig1 783 2 0 U
RD McF0036J20-MGRbd1 628 0 0
RD McF0050D04-MGRbd1 601 0 0
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RD McF0024N03-MGRbd1 421 0 0
RD McF0024N03-MGRbd2 595 0 0
CO CL2157Contig1 603 2 0 U
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RD McF0055H07-MGRbd1 544 0 0
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RD McF0049E02-MGRbd1 511 0 0
RD McF0051K14-MGRbd1 502 0 0
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RD McF0024G19-MGRbd1 432 0 0
RD McF0024G19-MGRbd2 458 0 0
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RD McF0028B16-MGRbd1 613 0 0
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CO CL2162Contig1 690 2 0 U
RD McF0023P11-MGRbd2 335 0 0
RD McF0023P11-MGRbd1 694 0 0
CO CL2163Contig1 635 2 0 U
RD McF0046D16-MGRbd1 324 0 0
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RD McF0053I10-MGRbd1 738 0 0
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RD McF0023I04-MGRbd2 388 0 0

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CO CL2166Contig1 640 2 0 U
RD McF0034J21-MGRbd1 561 0 0
RD McF0034J21-MGRbd2 601 0 0
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RD McF0021D09-MGRbd1 485 0 0
RD McF0030C17-MGRbd1 596 0 0
CO CL2168Contig1 620 2 0 U
RD McF0023H10-MGRbd1 467 0 0
RD McF0023H10-MGRbd2 630 0 0
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RD McF0038P18-MGRbd1 505 0 0
CO CL2174Contig1 743 2 0 U
RD McF0051K04-MGRbd1 607 0 0
RD McF0053D10-MGRbd1 613 0 0
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RD McF0043I13-MGRbd1 436 0 0
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RD McF0021I18-MGRbd1 625 0 0
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RD McF0051C02-MGRbd1 490 0 0
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RD McF0034N18-MGRbd1 545 0 0
RD McF0034N18-MGRbd2 503 0 0
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RD McF0024P14-MGRbd1 460 0 0
RD McF0024P14-MGRbd2 617 0 0
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RD McF0026O16-MGRbd1 425 0 0
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CO CL2186Contig1 740 2 0 U
RD McF0026I21-MGRbd1 440 0 0
RD McF0031O21-MGRbd1 747 0 0
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RD McF0025H21-MGRbd1 420 0 0

RD McF0025H21-MGRbd2 602 0 0
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RD McF0031K21-MGRbd1 432 0 0
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RD McF0035F13-MGRbd1 499 0 0
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RD McF0025M14-MGRbd1 430 0 0
RD McF0025M14-MGRbd2 644 0 0
CO CL2191Contig1 692 2 0 U
RD McF0031P07-MGRbd1 523 0 0
RD McF0053G08-MGRbd1 619 0 0
CO CL2192Contig1 602 2 0 U
RD McF0042O05-MGRbd1 466 0 0
RD McF0046K13-MGRbd1 605 0 0