**Chunk plasmids of *synII***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Chunk id | Synthetic coordinates | | Vector | Resistant gene |
| Start | End |
| *chr02\_3.25.A1* | 1 | 3886 | *pSBGAA* | AmpR |
| *chr02\_3.25.A2* | 3847 | 10688 | *pSBGAA* | AmpR |
| *chr02\_3.25.A3* | 10649 | 16732 | *pSBGAK* | KanR |
| *chr02\_3.25.A4* | 16693 | 22857 | *pSBGAK* | KanR |
| *chr02\_3.25.A5* | 22818 | 31897 | *pSBGAK* | KanR |
| *chr02\_3.25.B1* | 31114 | 39289 | *pSBGAA* | AmpR |
| *chr02\_3.25.B2* | 39250 | 45918 | *pSBGAA* | AmpR |
| *chr02\_3.25.B3* | 45879 | 54873 | *pSBGAA* | AmpR |
| *chr02\_3.25.B4* | 54834 | 61523 | *pSBGAA* | AmpR |
| *chr02\_3.25.C1* | 61063 | 70312 | *pSBGAA* | AmpR |
| *chr02\_3.25.C2* | 70273 | 79660 | *pSBGAA* | AmpR |
| *chr02\_3.25.C3* | 79621 | 86962 | *pSBGAA* | AmpR |
| *chr02\_3.25.C4* | 86923 | 93626 | *pSBGAA* | AmpR |
| *chr02\_3.25.D1* | 93172 | 100201 | *pSBGAA* | AmpR |
| *chr02\_3.25.D2* | 100162 | 107766 | *pSBGAA* | AmpR |
| *chr02\_3.25.D3* | 107727 | 114567 | *pSBGAA* | AmpR |
| *chr02\_3.25.D4* | 114528 | 121449 | *pSBGAA* | AmpR |
| *chr02\_3.25.E1* | 120995 | 128808 | *pSBGAA* | AmpR |
| *chr02\_3.25.E2* | 128769 | 135195 | *pSBGAA* | AmpR |
| *chr02\_3.25.E3* | 135156 | 143695 | *pSBGAA* | AmpR |
| *chr02\_3.25.E4* | 143656 | 151448 | *pSBGAA* | AmpR |
| *chr02\_3.25.E5* | 151409 | 158357 | *pSBGAA* | AmpR |
| *chr02\_3.25.F1* | 157897 | 164454 | *pSBGAA* | AmpR |
| *chr02\_3.25.F2* | 164415 | 172716 | *pSBGAA* | AmpR |
| *chr02\_3.25.F3* | 172677 | 178914 | *pSBGAA* | AmpR |
| *chr02\_3.25.F4* | 178875 | 186623 | *pSBGAA* | AmpR |
| *chr02\_3.25.G1* | 186169 | 192654 | *pSBGAK* | KanR |
| *chr02\_3.25.G2* | 192615 | 201517 | *pSBGAK* | KanR |
| *chr02\_3.25.G3* | 201478 | 211386 | *pSBGAA* | AmpR |
| *chr02\_3.25.G4* | 211347 | 218173 | *pSBGAA* | AmpR |
| *chr02\_3.25.H1* | 217710 | 226676 | *pSBGAA* | AmpR |
| *chr02\_3.25.H2* | 226637 | 234204 | *pSBGAA* | AmpR |
| *chr02\_3.25.H3* | 234165 | 243047 | *pSBGAA* | AmpR |
| *chr02\_3.25.H4* | 243008 | 249837 | *pSBGAA* | AmpR |
| *chr02\_3.25.I1* | 249383 | 257713 | *pSBGAK* | KanR |
| *chr02\_3.25.I2* | 257674 | 266246 | *pSBGAK* | KanR |
| *chr02\_3.25.I3* | 266207 | 274391 | *pSBGAK* | KanR |
| *chr02\_3.25.I4* | 274352 | 281180 | *pSBGAK* | KanR |
| *chr02\_3.25.J1* | 280723 | 287020 | *pSBGAK* | KanR |
| *chr02\_3.25.J2* | 286981 | 294261 | *pSBGAK* | KanR |
| *chr02\_3.25.J3* | 294222 | 301431 | *pSBGAK* | KanR |
| *chr02\_3.25.J4* | 301392 | 308150 | *pSBGAK* | KanR |
| *chr02\_3.25.K1* | 307687 | 314348 | *pSBGAK* | KanR |
| *chr02\_3.25.K2* | 314309 | 322114 | *pSBGAK* | KanR |
| *chr02\_3.25.K3* | 322075 | 329408 | *pSBGAK* | KanR |
| *chr02\_3.25.K4* | 329369 | 336100 | *pSBGAK* | KanR |
| *chr02\_3.25.L1* | 335637 | 342450 | *pSBGAA* | AmpR |
| *chr02\_3.25.L2* | 342411 | 348498 | *pSBGAA* | AmpR |
| *chr02\_3.25.L3* | 348459 | 355929 | *pSBGAA* | AmpR |
| *chr02\_3.25.L4* | 355890 | 363883 | *pSBGAA* | AmpR |
| *chr02\_3.25.M1* | 363423 | 371546 | *pSBGAA* | AmpR |
| *chr02\_3.25.M2* | 371507 | 379060 | *pSBGAA* | AmpR |
| *chr02\_3.25.M3* | 379021 | 385786 | *pSBGAA* | AmpR |
| *chr02\_3.25.M4* | 385747 | 392223 | *pSBGAA* | AmpR |
| *chr02\_3.25.N1* | 391766 | 401501 | *pSBGAA* | AmpR |
| *chr02\_3.25.N2* | 401462 | 410605 | *pSBGAA* | AmpR |
| *chr02\_3.25.N3* | 410566 | 419363 | *pSBGAA* | AmpR |
| *chr02\_3.25.N4* | 419324 | 426738 | *pSBGAA* | AmpR |
| *chr02\_3.25.O1* | 426283 | 434570 | *pSBGAA* | AmpR |
| *chr02\_3.25.O2* | 434531 | 442835 | *pSBGAA* | AmpR |
| *chr02\_3.25.O3* | 442796 | 449628 | *pSBGAA* | AmpR |
| *chr02\_3.25.O4* | 449589 | 457955 | *pSBGAA* | AmpR |
| *chr02\_3.25.P1* | 457492 | 463829 | *pSBGAA* | AmpR |
| *chr02\_3.25.P2* | 463790 | 470179 | *pSBGAA* | AmpR |
| *chr02\_3.25.P3* | 470140 | 476606 | *pSBGAA* | AmpR |
| *chr02\_3.25.P4* | 476567 | 483486 | *pSBGAA* | AmpR |
| *chr02\_3.25.Q1* | 483029 | 489959 | *pSBGAA* | AmpR |
| *chr02\_3.25.Q2* | 489920 | 497623 | *pSBGAA* | AmpR |
| *chr02\_3.25.Q3* | 497584 | 507299 | *pSBGAA* | AmpR |
| *chr02\_3.25.Q4* | 507260 | 515020 | *pSBGAA* | AmpR |
| *chr02\_3.25.R1* | 514557 | 523478 | *pSBGAK* | KanR |
| *chr02\_3.25.R2* | 523439 | 529812 | *pSBGAK* | KanR |
| *chr02\_3.25.R3* | 529773 | 538586 | *pSBGAK* | KanR |
| *chr02\_3.25.R4* | 538547 | 546222 | *pSBGAK* | KanR |
| *chr02\_3.25.S1* | 545767 | 552013 | *pSBGAK* | KanR |
| *chr02\_3.25.S2* | 551974 | 560922 | *pSBGAK* | KanR |
| *chr02\_3.25.S3* | 560883 | 567226 | *pSBGAK* | KanR |
| *chr02\_3.25.S4* | 567187 | 573790 | *pSBGAK* | KanR |
| *chr02\_3.25.T1* | 573330 | 579365 | *pSBGAK* | KanR |
| *chr02\_3.25.T2* | 579326 | 587002 | *pSBGAK* | KanR |
| *chr02\_3.25.T3* | 586963 | 594960 | *pSBGAK* | KanR |
| *chr02\_3.25.T4* | 594921 | 602024 | *pSBGAK* | KanR |
| *chr02\_3.25.T5* | 601985 | 608660 | *pSBGAK* | KanR |
| *chr02\_3.25.U1* | 608197 | 617189 | *pSBGAK* | KanR |
| *chr02\_3.25.U2* | 617150 | 626893 | *pSBGAK* | KanR |
| *chr02\_3.25.U3* | 626854 | 633435 | *pSBGAK* | KanR |
| *chr02\_3.25.U4* | 633396 | 641973 | *pSBGAK* | KanR |
| *chr02\_3.25.V1* | 641513 | 649555 | *pSBGAK* | KanR |
| *chr02\_3.25.V2* | 649516 | 657528 | *pSBGAK* | KanR |
| *chr02\_3.25.V3* | 657489 | 664794 | *pSBGAK* | KanR |
| *chr02\_3.25.V4* | 664755 | 672396 | *pSBGAK* | KanR |
| *chr02\_3.25.W1* | 671933 | 681373 | *pSBGAK* | KanR |
| *chr02\_3.25.W2* | 681334 | 689306 | *pSBGAK* | KanR |
| *chr02\_3.25.W3* | 689267 | 698934 | *pSBGAK* | KanR |
| *chr02\_3.25.W4* | 698895 | 706402 | *pSBGAK* | KanR |
| *chr02\_3.25.X1* | 705946 | 715349 | *pSBGAK* | KanR |
| *chr02\_3.25.X2* | 715310 | 722090 | *pSBGAA* | AmpR |
| *chr02\_3.25.X3* | 722051 | 728309 | *pSBGAK* | KanR |
| *chr02\_3.25.X4* | 728270 | 736068 | *pSBGAK* | KanR |
| *chr02\_3.25.Y1* | 735607 | 745293 | *pSBGAK* | KanR |
| *chr02\_3.25.Y2* | 745254 | 755176 | *pSBGAA* | AmpR |
| *chr02\_3.25.Y3* | 755137 | 763360 | *pSBGAK* | KanR |
| *chr02\_3.25.Y4* | 763321 | 770035 | *pSBGAK* | KanR |

# chunks were digested with appropriate restriction enzymes to be released from accepting vector, with overhang region of junctions for megchunk ligation.

**Minichunk plasmids of *synII***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Minichunk  ID | Synthetic Coordinates | | Accepting  vector | Resistant gene |
| Start | End |
| chr02\_3.25.A1.F1 | 1 | 1798 | *pMK-RQ* | KanR |
| chr02\_3.25.A1.F2 | 1753 | 3886 | *pMK-RQ* | KanR |
| chr02\_3.25.A2.F1 | 3847 | 6277 | *pMK-RQ* | KanR |
| chr02\_3.25.A2.F2 | 6238 | 8451 | *pMK-RQ* | KanR |
| chr02\_3.25.A2.F3 | 8411 | 10688 | *pMK-RQ* | KanR |
| chr02\_3.25.A3.F1 | 10649 | 12553 | *pUC57-simple* | AmpR |
| chr02\_3.25.A3.F2 | 12515 | 14921 | *pUC57-simple* | AmpR |
| chr02\_3.25.A3.F3 | 14882 | 16732 | *pUC57-simple* | AmpR |
| chr02\_3.25.A4.F1 | 16693 | 18857 | *pUC57-simple* | AmpR |
| chr02\_3.25.A4.F2 | 18815 | 21032 | *pUC57-simple* | AmpR |
| chr02\_3.25.A4.F3 | 20994 | 22857 | *pUC57-simple* | AmpR |
| chr02\_3.25.A5.F1 | 22818 | 24811 | *pUC57-simple* | AmpR |
| chr02\_3.25.A5.F2 | 24772 | 26833 | *pUC57-simple* | AmpR |
| chr02\_3.25.A5.F3 | 26794 | 28872 | *pUC57-simple* | AmpR |
| chr02\_3.25.A5.F4 | 28833 | 30829 | *pUC57-simple* | AmpR |
| chr02\_3.25.A5.F5- | 30790 | 31897 | *pUC57-simple* | AmpR |
| chr02\_3.25.B1.F1 | 31114 | 33174 | *pMK-RQ* | KanR |
| chr02\_3.25.B1.F2 | 33135 | 35311 | *pMK-RQ* | KanR |
| chr02\_3.25.B1.F3 | 35272 | 37234 | *pMK-RQ* | KanR |
| chr02\_3.25.B1.F4 | 37195 | 39289 | *pMK-RQ* | KanR |
| chr02\_3.25.B2.F1 | 39250 | 41417 | *pMK-RQ* | KanR |
| chr02\_3.25.B2.F2 | 41378 | 43766 | *pMK-RQ* | KanR |
| chr02\_3.25.B2.F3 | 43727 | 45918 | *pMK-RQ* | KanR |
| chr02\_3.25.B3.F1 | 45879 | 48133 | *pMK-RQ* | KanR |
| chr02\_3.25.B3.F2 | 48094 | 50332 | *pMK-RQ* | KanR |
| chr02\_3.25.B3.F3 | 50293 | 52416 | *pMA* | AmpR |
| chr02\_3.25.B3.F4 | 52377 | 54873 | *pMK-RQ* | KanR |
| chr02\_3.25.B4.F1 | 54834 | 56682 | *pMK-RQ* | KanR |
| chr02\_3.25.B4.F2 | 56643 | 58408 | *pMK-RQ* | KanR |
| chr02\_3.25.B4.F3 | 58369 | 60472 | *pMK-RQ* | KanR |
| chr02\_3.25.B4.F4- | 60433 | 61523 | *pMK-RQ* | KanR |
| chr02\_3.25.C1.F1 | 61063 | 63010 | *pMK-RQ* | KanR |
| chr02\_3.25.C1.F2 | 62971 | 64683 | *pMK-RQ* | KanR |
| chr02\_3.25.C1.F3 | 64644 | 66650 | *pMK-RQ* | KanR |
| chr02\_3.25.C1.F4 | 66611 | 68536 | *pMK-RQ* | KanR |
| chr02\_3.25.C1.F5 | 68497 | 70312 | *pMK-RQ* | KanR |
| chr02\_3.25.C2.F1 | 70273 | 72201 | *pMK-RQ* | KanR |
| chr02\_3.25.C2.F2 | 72162 | 73940 | *pMK-RQ* | KanR |
| chr02\_3.25.C2.F3 | 73901 | 76043 | *pMK-RQ* | KanR |
| chr02\_3.25.C2.F4 | 76004 | 77900 | *pMK-RQ* | KanR |
| chr02\_3.25.C2.F5 | 77861 | 79660 | *pMK-RQ* | KanR |
| chr02\_3.25.C3.F1 | 79621 | 81467 | *pMK-RQ* | KanR |
| chr02\_3.25.C3.F2 | 81428 | 83328 | *pMK-RQ* | KanR |
| chr02\_3.25.C3.F3 | 83289 | 85228 | *pMK-RQ* | KanR |
| chr02\_3.25.C3.F4 | 85189 | 86962 | *pMK-RQ* | KanR |
| chr02\_3.25.C4.F1 | 86923 | 88891 | *pMK-RQ* | KanR |
| chr02\_3.25.C4.F2 | 88852 | 90648 | *pMK-RQ* | KanR |
| chr02\_3.25.C4.F3 | 90609 | 92473 | *pMK-RQ* | KanR |
| chr02\_3.25.C4.F4- | 92434 | 93626 | *pMK-RQ* | KanR |
| chr02\_3.25.D1.F1 | 93172 | 95620 | *pMK-RQ* | KanR |
| chr02\_3.25.D1.F2 | 95581 | 97827 | *pMK-RQ* | KanR |
| chr02\_3.25.D1.F3 | 97788 | 100201 | *pMA* | AmpR |
| chr02\_3.25.D2.F1 | 100162 | 102039 | *pMK-RQ* | KanR |
| chr02\_3.25.D2.F2 | 102000 | 103800 | *pMK-RQ* | KanR |
| chr02\_3.25.D2.F3 | 103761 | 106106 | *pMK-RQ* | KanR |
| chr02\_3.25.D2.F4 | 106067 | 107766 | *pMK-RQ* | KanR |
| chr02\_3.25.D3.F1 | 107727 | 110221 | *pMK-RQ* | KanR |
| chr02\_3.25.D3.F2 | 110182 | 112163 | *pMK-RQ* | KanR |
| chr02\_3.25.D3.F3 | 112124 | 114567 | *pMK-RQ* | KanR |
| chr02\_3.25.D4.F1 | 114528 | 116513 | *pMK-RQ* | KanR |
| chr02\_3.25.D4.F2 | 116474 | 118214 | *pMK-RQ* | KanR |
| chr02\_3.25.D4.F3 | 118175 | 120284 | *pMK-RQ* | KanR |
| chr02\_3.25.D4.F4- | 120245 | 121449 | *pMK-RQ* | KanR |
| chr02\_3.25.E1.F1 | 120995 | 122957 | *pMA* | AmpR |
| chr02\_3.25.E1.F2 | 122918 | 124979 | *pOK-RQ-Ba* | kanR |
| chr02\_3.25.E1.F3 | 124940 | 126852 | *pMK-RQ* | KanR |
| chr02\_3.25.E1.F4 | 126813 | 128808 | *pMK-RQ* | KanR |
| chr02\_3.25.E2.F1 | 128769 | 130827 | *pMK-RQ* | KanR |
| chr02\_3.25.E2.F2 | 130788 | 133145 | *pMK-RQ* | KanR |
| chr02\_3.25.E2.F3 | 133106 | 135195 | *pMK-RQ* | KanR |
| chr02\_3.25.E3.F1 | 135156 | 137405 | *pMK-RQ* | KanR |
| chr02\_3.25.E3.F2 | 137366 | 139492 | *pMK-RQ* | KanR |
| chr02\_3.25.E3.F3 | 139453 | 141646 | *pMK-RQ* | KanR |
| chr02\_3.25.E3.F4 | 141607 | 143695 | *pMK-RQ* | KanR |
| chr02\_3.25.E4.F1 | 143656 | 145591 | *pMK-RQ* | KanR |
| chr02\_3.25.E4.F2 | 145552 | 147736 | *pMA* | AmpR |
| chr02\_3.25.E4.F3 | 147697 | 149373 | *pMK-RQ* | KanR |
| chr02\_3.25.E4.F4 | 149334 | 151448 | *pMK-RQ* | KanR |
| chr02\_3.25.E5.F1 | 151409 | 153384 | *pMK-RQ* | KanR |
| chr02\_3.25.E5.F2 | 153345 | 155141 | *pMK-RQ* | KanR |
| chr02\_3.25.E5.F3 | 155102 | 157062 | *pMK-RQ* | KanR |
| chr02\_3.25.E5.F4- | 157023 | 158357 | *pMK-RQ* | KanR |
| chr02\_3.25.F1.F1 | 157897 | 160191 | *pMK-RQ* | KanR |
| chr02\_3.25.F1.F2 | 160152 | 162133 | *pMK-RQ* | KanR |
| chr02\_3.25.F1.F3 | 162094 | 164454 | *pMK-RQ* | KanR |
| chr02\_3.25.F2.F1 | 164415 | 166406 | *pMK-RQ* | KanR |
| chr02\_3.25.F2.F2 | 166367 | 168610 | *pMK-RQ* | KanR |
| chr02\_3.25.F2.F3 | 168571 | 170598 | *pMK-RQ* | KanR |
| chr02\_3.25.F2.F4 | 170559 | 172716 | *pMK-RQ* | KanR |
| chr02\_3.25.F3.F1 | 172677 | 174882 | *pMK-RQ* | KanR |
| chr02\_3.25.F3.F2 | 174843 | 176948 | *pMK-RQ* | KanR |
| chr02\_3.25.F3.F3 | 176909 | 178914 | *pMK-RQ* | KanR |
| chr02\_3.25.F4.F1 | 178875 | 181210 | *pMK-RQ* | KanR |
| chr02\_3.25.F4.F2 | 181171 | 183045 | *pMK-RQ* | KanR |
| chr02\_3.25.F4.F3 | 183006 | 185300 | *pMK-RQ* | KanR |
| chr02\_3.25.F4.F4- | 185261 | 186623 | *pMK-RQ* | KanR |
| chr02\_3.25.G1.F1 | 186169 | 188339 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G1.F2 | 188300 | 190538 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G1.F3 | 190499 | 192654 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G2.F1 | 192615 | 194808 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G2.F2 | 194769 | 197092 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G2.F3 | 197053 | 199268 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G2.F4 | 199229 | 201517 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.G3.F1 | 201478 | 203578 | *pMK-RQ* | KanR |
| chr02\_3.25.G3.F2 | 203539 | 205475 | *pMK-RQ* | KanR |
| chr02\_3.25.G3.F3 | 205436 | 207554 | *pMK-RQ* | KanR |
| chr02\_3.25.G3.F4 | 207515 | 209551 | *pMK-RQ* | KanR |
| chr02\_3.25.G3.F5 | 209512 | 211386 | *pMK-RQ* | KanR |
| chr02\_3.25.G4.F1 | 211347 | 213163 | *pMK-RQ* | KanR |
| chr02\_3.25.G4.F2 | 213124 | 215037 | *pMK-RQ* | KanR |
| chr02\_3.25.G4.F3 | 214998 | 217087 | *pMA* | AmpR |
| chr02\_3.25.G4.F4- | 217048 | 218173 | *pMK-RQ* | KanR |
| chr02\_3.25.H1.F1 | 217710 | 220131 | *pMK-RQ* | KanR |
| chr02\_3.25.H1.F2 | 220092 | 222276 | *pMK-RQ* | KanR |
| chr02\_3.25.H1.F3 | 222237 | 224297 | *pMK-RQ* | KanR |
| chr02\_3.25.H1.F4 | 224258 | 226676 | *pMK-RQ* | KanR |
| chr02\_3.25.H2.F1 | 226637 | 228531 | *pMK-RQ* | KanR |
| chr02\_3.25.H2.F2 | 228492 | 230520 | *pMK-RQ* | KanR |
| chr02\_3.25.H2.F3 | 230481 | 232230 | *pMK-RQ* | KanR |
| chr02\_3.25.H2.F4 | 232191 | 234204 | *pMK-RQ* | KanR |
| chr02\_3.25.H3.F1 | 234165 | 236440 | *pMK-RQ* | KanR |
| chr02\_3.25.H3.F2 | 236401 | 238661 | *pMA* | AmpR |
| chr02\_3.25.H3.F3 | 238622 | 240904 | *pMK-RQ-Bb* | KanR |
| chr02\_3.25.H3.F4 | 240865 | 243047 | *pMK-RQ* | KanR |
| chr02\_3.25.H4.F1 | 243008 | 244876 | *pMK-RQ* | KanR |
| chr02\_3.25.H4.F2 | 244837 | 246833 | *pMK-RQ* | KanR |
| chr02\_3.25.H4.F3 | 246794 | 248602 | *pMK-RQ* | KanR |
| chr02\_3.25.H4.F4- | 248563 | 249837 | *pMK-RQ* | KanR |
| chr02\_3.25.I1.F1 | 249383 | 251420 | *pUC57-simple* | AmpR |
| chr02\_3.25.I1.F2 | 251381 | 253494 | *pUC57-simple* | AmpR |
| chr02\_3.25.I1.F3 | 253455 | 255636 | *pUC57-simple* | AmpR |
| chr02\_3.25.I1.F4 | 255597 | 257713 | *pUC57-simple* | AmpR |
| chr02\_3.25.I2.F1 | 257674 | 259809 | *pUC57-simple* | AmpR |
| chr02\_3.25.I2.F2 | 259770 | 261971 | *pUC57-simple* | AmpR |
| chr02\_3.25.I2.F3 | 261932 | 264219 | *pUC57-simple* | AmpR |
| chr02\_3.25.I2.F4 | 264180 | 266246 | *pUC57-simple* | AmpR |
| chr02\_3.25.I3.F1 | 266207 | 268312 | *pUC57-simple* | AmpR |
| chr02\_3.25.I3.F2 | 268273 | 270274 | *pUC57-simple* | AmpR |
| chr02\_3.25.I3.F3 | 270235 | 272319 | *pUC57-simple* | AmpR |
| chr02\_3.25.I3.F4 | 272280 | 274391 | *pUC57-simple* | AmpR |
| chr02\_3.25.I4.F1 | 274352 | 276341 | *pUC57-simple* | AmpR |
| chr02\_3.25.I4.F2 | 276302 | 278222 | *pUC57-simple* | AmpR |
| chr02\_3.25.I4.F3 | 278183 | 280060 | *pUC57-simple* | AmpR |
| chr02\_3.25.I4.F4- | 280021 | 281180 | *pUC57-simple* | AmpR |
| chr02\_3.25.J1.F1 | 280723 | 282750 | *pUC57-simple* | AmpR |
| chr02\_3.25.J1.F2 | 282711 | 284944 | *pUC57-simple* | AmpR |
| chr02\_3.25.J1.F3 | 284905 | 287020 | *pUC57-simple* | AmpR |
| chr02\_3.25.J2.F1 | 286981 | 288911 | *pUC57-simple* | AmpR |
| chr02\_3.25.J2.F2 | 288872 | 290750 | *pUC57-simple* | AmpR |
| chr02\_3.25.J2.F3 | 290711 | 292430 | *pUC57-simple* | AmpR |
| chr02\_3.25.J2.F4 | 292391 | 294261 | *pUC57-simple* | AmpR |
| chr02\_3.25.J3.F1 | 294222 | 296059 | *pUC57-simple* | AmpR |
| chr02\_3.25.J3.F2 | 296020 | 297960 | *pUC57-simple* | AmpR |
| chr02\_3.25.J3.F3 | 297921 | 299618 | *pUC57-simple* | AmpR |
| chr02\_3.25.J3.F4 | 299579 | 301431 | *pUC57-simple* | AmpR |
| chr02\_3.25.J4.F1 | 301392 | 303155 | *pUC57-simple* | AmpR |
| chr02\_3.25.J4.F2 | 303116 | 305042 | *pUC57-simple* | AmpR |
| chr02\_3.25.J4.F3 | 305003 | 306958 | *pUC57-simple* | AmpR |
| chr02\_3.25.J4.F4- | 306919 | 308150 | *pUC57-simple* | AmpR |
| chr02\_3.25.K1.F1 | 307687 | 310044 | *pUC57-simple* | AmpR |
| chr02\_3.25.K1.F2 | 310005 | 312234 | *pUC57-simple* | AmpR |
| chr02\_3.25.K1.F3 | 312195 | 314348 | *pUC57-simple* | AmpR |
| chr02\_3.25.K2.F1 | 314309 | 316175 | *pUC57-simple* | AmpR |
| chr02\_3.25.K2.F2 | 316136 | 318205 | *pUC57-simple* | AmpR |
| chr02\_3.25.K2.F3 | 318166 | 320140 | *pUC57-simple* | AmpR |
| chr02\_3.25.K2.F4 | 320101 | 322114 | *pUC57-simple* | AmpR |
| chr02\_3.25.K3.F1 | 322075 | 324026 | *pUC57-simple* | AmpR |
| chr02\_3.25.K3.F2 | 323987 | 325887 | *pUC57-simple* | AmpR |
| chr02\_3.25.K3.F3 | 325848 | 327582 | *pUC57-simple* | AmpR |
| chr02\_3.25.K3.F4 | 327543 | 329408 | *pUC57-simple* | AmpR |
| chr02\_3.25.K4.F1 | 329369 | 331307 | *pUC57-simple* | AmpR |
| chr02\_3.25.K4.F2 | 331268 | 333070 | *pUC57-simple* | AmpR |
| chr02\_3.25.K4.F3 | 333031 | 335136 | *pUC57-simple* | AmpR |
| chr02\_3.25.K4.F4- | 335097 | 336100 | *pUC57-simple* | AmpR |
| chr02\_3.25.L1.F1 | 335637 | 337866 | *pMK-RQ* | KanR |
| chr02\_3.25.L1.F2 | 337827 | 340129 | *pMK* | KanR |
| chr02\_3.25.L1.F3 | 340090 | 342450 | *pMK-RQ* | KanR |
| chr02\_3.25.L2.F1 | 342411 | 344416 | *pMK-RQ* | KanR |
| chr02\_3.25.L2.F2 | 344377 | 346463 | *pMK-RQ* | KanR |
| chr02\_3.25.L2.F3 | 346424 | 348498 | *pMK-RQ* | KanR |
| chr02\_3.25.L3.F1 | 348459 | 350358 | *pMK-RQ* | KanR |
| chr02\_3.25.L3.F2 | 350319 | 352196 | *pMK-RQ* | KanR |
| chr02\_3.25.L3.F3 | 352157 | 354021 | *pMK-RQ* | KanR |
| chr02\_3.25.L3.F4 | 353982 | 355929 | *pMK-RQ* | KanR |
| chr02\_3.25.L4.F1 | 355890 | 357976 | *pMK-RQ* | KanR |
| chr02\_3.25.L4.F2 | 357937 | 360135 | *pMK-RQ* | KanR |
| chr02\_3.25.L4.F3 | 360096 | 362427 | *pMA* | AmpR |
| chr02\_3.25.L4.F4- | 362388 | 363883 | *pMK-RQ* | KanR |
| chr02\_3.25.M1.F1 | 363423 | 365351 | *pMK* | KanR |
| chr02\_3.25.M1.F2 | 365312 | 367501 | *pMK-RQ* | KanR |
| chr02\_3.25.M1.F3 | 367462 | 369475 | *pMK-RQ* | KanR |
| chr02\_3.25.M1.F4 | 369436 | 371546 | *pMK-RQ* | KanR |
| chr02\_3.25.M2.F1 | 371507 | 373467 | *pMK-RQ* | KanR |
| chr02\_3.25.M2.F2 | 373428 | 375410 | *pMK-RQ* | KanR |
| chr02\_3.25.M2.F3 | 375371 | 377301 | *pMA* | AmpR |
| chr02\_3.25.M2.F4 | 377262 | 379060 | *pMK-RQ* | KanR |
| chr02\_3.25.M3.F1 | 379021 | 381353 | *pMK-RQ* | KanR |
| chr02\_3.25.M3.F2 | 381314 | 383489 | *pMK-RQ* | KanR |
| chr02\_3.25.M3.F3 | 383450 | 385786 | *pMA-T* | AmpR |
| chr02\_3.25.M4.F1 | 385747 | 387666 | *pMK* | KanR |
| chr02\_3.25.M4.F2 | 387627 | 389451 | *pMK-RQ* | KanR |
| chr02\_3.25.M4.F3 | 389412 | 391170 | *pMK-RQ* | KanR |
| chr02\_3.25.M4.F4- | 391131 | 392223 | *pMK-RQ* | KanR |
| chr02\_3.25.N1.F1 | 391766 | 393810 | *pMK-RQ* | KanR |
| chr02\_3.25.N1.F2 | 393771 | 395819 | *pMK-RQ* | KanR |
| chr02\_3.25.N1.F3 | 395780 | 397635 | *pMK-RQ* | KanR |
| chr02\_3.25.N1.F4 | 397596 | 399724 | *pMK-RQ* | KanR |
| chr02\_3.25.N1.F5 | 399685 | 401501 | *pMK-RQ* | KanR |
| chr02\_3.25.N2.F1 | 401462 | 403848 | *pMK-RQ* | KanR |
| chr02\_3.25.N2.F2 | 403809 | 405911 | *pMK-RQ* | KanR |
| chr02\_3.25.N2.F3 | 405872 | 408478 | *pMK-RQ* | KanR |
| chr02\_3.25.N2.F4 | 408439 | 410605 | *pMK-RQ* | KanR |
| chr02\_3.25.N3.F1 | 410566 | 412836 | *pMK-RQ* | KanR |
| chr02\_3.25.N3.F2 | 412797 | 415102 | *pMK-RQ* | KanR |
| chr02\_3.25.N3.F3 | 415063 | 417120 | *pMK-RQ* | KanR |
| chr02\_3.25.N3.F4 | 417081 | 419363 | *pMK-RQ* | KanR |
| chr02\_3.25.N4.F1 | 419324 | 421295 | *pMK-RQ* | KanR |
| chr02\_3.25.N4.F2 | 421256 | 423425 | *pMA* | AmpR |
| chr02\_3.25.N4.F3 | 423386 | 425447 | *pMK-RQ* | KanR |
| chr02\_3.25.N4.F4- | 425408 | 426738 | *pMK-RQ* | KanR |
| chr02\_3.25.O1.F1 | 426283 | 428419 | *pMK-RQ* | KanR |
| chr02\_3.25.O1.F2 | 428380 | 430334 | *pMK-RQ* | KanR |
| chr02\_3.25.O1.F3 | 430295 | 432508 | *pMK* | KanR |
| chr02\_3.25.O1.F4 | 432469 | 434570 | *pMK-RQ* | KanR |
| chr02\_3.25.O2.F1 | 434531 | 436584 | *pMK-RQ* | KanR |
| chr02\_3.25.O2.F2 | 436545 | 438637 | *pMK-RQ* | KanR |
| chr02\_3.25.O2.F3 | 438598 | 440897 | *pMK-RQ* | KanR |
| chr02\_3.25.O2.F4 | 440858 | 442835 | *pMK-RQ* | KanR |
| chr02\_3.25.O3.F1 | 442796 | 445141 | *pMK* | KanR |
| chr02\_3.25.O3.F2 | 445102 | 447406 | *pMK-RQ* | KanR |
| chr02\_3.25.O3.F3 | 447367 | 449628 | *pMK-RQ* | KanR |
| chr02\_3.25.O4.F1 | 449589 | 451858 | *pMK-RQ* | KanR |
| chr02\_3.25.O4.F2 | 451819 | 454198 | *pMK-RQ* | KanR |
| chr02\_3.25.O4.F3 | 454159 | 456421 | *pMK-RQ* | KanR |
| chr02\_3.25.O4.F4- | 456382 | 457955 | *pMK-RQ* | KanR |
| chr02\_3.25.P1.F1 | 457492 | 459731 | *pMS-RQ* | SpcR |
| chr02\_3.25.P1.F2 | 459692 | 461847 | *pMA* | AmpR |
| chr02\_3.25.P1.F3 | 461808 | 463829 | *pMK-RQ* | KanR |
| chr02\_3.25.P2.F1 | 463790 | 465879 | *pMK* | KanR |
| chr02\_3.25.P2.F2 | 465840 | 467953 | *pMK-RQ* | KanR |
| chr02\_3.25.P2.F3 | 467914 | 470179 | *pMK-RQ* | KanR |
| chr02\_3.25.P3.F1 | 470140 | 472168 | *pMK-RQ* | KanR |
| chr02\_3.25.P3.F2 | 472129 | 474602 | *pMK-RQ* | KanR |
| chr02\_3.25.P3.F3 | 474563 | 476606 | *pMK-RQ* | KanR |
| chr02\_3.25.P4.F1 | 476567 | 478380 | *pMK-RQ* | KanR |
| chr02\_3.25.P4.F2 | 478341 | 480404 | *pMK-RQ* | KanR |
| chr02\_3.25.P4.F3 | 480365 | 482235 | *pMK-RQ* | KanR |
| chr02\_3.25.P4.F4- | 482196 | 483486 | *pMK-RQ* | KanR |
| chr02\_3.25.Q1.F1 | 483029 | 485299 | *pMK-RQ* | KanR |
| chr02\_3.25.Q1.F2 | 485260 | 487594 | *pMK-RQ* | KanR |
| chr02\_3.25.Q1.F3 | 487555 | 489959 | *pMK-RQ* | KanR |
| chr02\_3.25.Q2.F1 | 489920 | 491861 | *pMK-RQ* | KanR |
| chr02\_3.25.Q2.F2 | 491822 | 493677 | *pMK-RQ* | KanR |
| chr02\_3.25.Q2.F3 | 493638 | 495794 | *pMK-RQ* | KanR |
| chr02\_3.25.Q2.F4 | 495755 | 497623 | *pMK-RQ* | KanR |
| chr02\_3.25.Q3.F1 | 497584 | 499468 | *pMK-RQ* | KanR |
| chr02\_3.25.Q3.F2 | 499429 | 501434 | *pMK-RQ* | KanR |
| chr02\_3.25.Q3.F3 | 501395 | 503331 | *pMK-RQ* | KanR |
| chr02\_3.25.Q3.F4 | 503292 | 505470 | *pMK-RQ* | KanR |
| chr02\_3.25.Q3.F5 | 505431 | 507299 | *pMS-RQ* | SpcR |
| chr02\_3.25.Q4.F1 | 507260 | 509423 | *pMK-RQ* | KanR |
| chr02\_3.25.Q4.F2 | 509384 | 511638 | *pMA* | AmpR |
| chr02\_3.25.Q4.F3 | 511599 | 513580 | *pMS-RQ* | SpcR |
| chr02\_3.25.Q4.F4- | 513541 | 515020 | *pMK-RQ* | KanR |
| chr02\_3.25.R1.F1 | 514557 | 516889 | *pUC57-simple* | AmpR |
| chr02\_3.25.R1.F2 | 516850 | 519013 | *pUC57-simple* | AmpR |
| chr02\_3.25.R1.F3 | 518974 | 521157 | *pUC57-simple* | AmpR |
| chr02\_3.25.R1.F4 | 521118 | 523478 | *pUC57-simple* | AmpR |
| chr02\_3.25.R2.F1 | 523439 | 525651 | *pUC57-simple* | AmpR |
| chr02\_3.25.R2.F2 | 525612 | 527691 | *pUC57-simple* | AmpR |
| chr02\_3.25.R2.F3 | 527652 | 529812 | *pUC57-simple* | AmpR |
| chr02\_3.25.R3.F1 | 529773 | 531940 | *pUC57* | AmpR |
| chr02\_3.25.R3.F2 | 531901 | 534070 | *pUC57* | AmpR |
| chr02\_3.25.R3.F3 | 534031 | 536532 | *pUC57-simple* | AmpR |
| chr02\_3.25.R3.F4 | 536493 | 538586 | *pUC57* | AmpR |
| chr02\_3.25.R4.F1 | 538547 | 540636 | *pUC57-simple* | AmpR |
| chr02\_3.25.R4.F2 | 540597 | 542789 | *pUC57-simple* | AmpR |
| chr02\_3.25.R4.F3 | 542750 | 544759 | *pUC57-simple* | AmpR |
| chr02\_3.25.R4.F4- | 544720 | 546222 | *pUC57-simple* | AmpR |
| chr02\_3.25.S1.F1 | 545767 | 547885 | *pUC57* | AmpR |
| chr02\_3.25.S1.F2 | 547846 | 550078 | *pUC57-simple* | AmpR |
| chr02\_3.25.S1.F3 | 550039 | 552013 | *pUC57-simple* | AmpR |
| chr02\_3.25.S2.F1 | 551974 | 554312 | *pUC57-simple* | AmpR |
| chr02\_3.25.S2.F2 | 554273 | 556562 | *pUC57-simple* | AmpR |
| chr02\_3.25.S2.F3 | 556523 | 558574 | *pUC57-simple* | AmpR |
| chr02\_3.25.S2.F4 | 558535 | 560922 | *pUC57-simple* | AmpR |
| chr02\_3.25.S3.F1 | 560883 | 563116 | *pUC57-simple* | AmpR |
| chr02\_3.25.S3.F2 | 563077 | 565149 | *pUC57-simple* | AmpR |
| chr02\_3.25.S3.F3 | 565110 | 567226 | *pUC57-simple* | AmpR |
| chr02\_3.25.S4.F1 | 567187 | 568986 | *pUC57-simple* | AmpR |
| chr02\_3.25.S4.F2 | 568947 | 570794 | *pUC57-simple* | AmpR |
| chr02\_3.25.S4.F3 | 570755 | 572591 | *pUC57-simple* | AmpR |
| chr02\_3.25.S4.F4- | 572552 | 573790 | *pUC57-simple* | AmpR |
| chr02\_3.25.T1.F1 | 573330 | 575298 | *pUC57-simple* | AmpR |
| chr02\_3.25.T1.F2 | 575259 | 577450 | *pUC57-simple* | AmpR |
| chr02\_3.25.T1.F3 | 577411 | 579365 | *pUC57-simple* | AmpR |
| chr02\_3.25.T2.F1 | 579326 | 581270 | *pUC57-simple* | AmpR |
| chr02\_3.25.T2.F2 | 581231 | 583069 | *pUC57-simple* | AmpR |
| chr02\_3.25.T2.F3 | 583030 | 585001 | *pUC57-simple* | AmpR |
| chr02\_3.25.T2.F4 | 584962 | 587002 | *pUC57-simple* | AmpR |
| chr02\_3.25.T3.F1 | 586963 | 588893 | *pUC57-simple* | AmpR |
| chr02\_3.25.T3.F2 | 588854 | 591027 | *pUC57-simple* | AmpR |
| chr02\_3.25.T3.F3 | 590988 | 592943 | *pUC57-simple* | AmpR |
| chr02\_3.25.T3.F4 | 592904 | 594960 | *pUC57* | AmpR |
| chr02\_3.25.T4.F1 | 594921 | 597275 | *pUC57-simple* | AmpR |
| chr02\_3.25.T4.F2 | 597236 | 599738 | *pUC57-simple* | AmpR |
| chr02\_3.25.T4.F3 | 599699 | 602024 | *pJET1.2* | AmpR |
| chr02\_3.25.T5.F1 | 601985 | 603829 | *pUC57-simple* | AmpR |
| chr02\_3.25.T5.F2 | 603790 | 605696 | *pUC57-simple* | AmpR |
| chr02\_3.25.T5.F3 | 605657 | 607356 | *pUC57-simple* | AmpR |
| chr02\_3.25.T5.F4- | 607317 | 608660 | *pUC57-simple* | AmpR |
| chr02\_3.25.U1.F1 | 608197 | 610528 | *pUC57-simple* | AmpR |
| chr02\_3.25.U1.F2 | 610489 | 612638 | *pUC57-simple* | AmpR |
| chr02\_3.25.U1.F3 | 612599 | 615058 | *pUC57-simple* | AmpR |
| chr02\_3.25.U1.F4 | 615019 | 617189 | *pUC57-simple* | AmpR |
| chr02\_3.25.U2.F1 | 617150 | 619050 | *pUC57-simple* | AmpR |
| chr02\_3.25.U2.F2 | 619011 | 620975 | *pUC57-simple* | AmpR |
| chr02\_3.25.U2.F3 | 620936 | 622961 | *pUC57-simple* | AmpR |
| chr02\_3.25.U2.F4 | 622922 | 625247 | *pUC57-simple* | AmpR |
| chr02\_3.25.U2.F5 | 625208 | 626893 | *pUC57-simple* | AmpR |
| chr02\_3.25.U3.F1 | 626854 | 629142 | *pUC57-simple* | AmpR |
| chr02\_3.25.U3.F2 | 629103 | 631324 | *pUC57-simple* | AmpR |
| chr02\_3.25.U3.F3 | 631285 | 633435 | *pUC57-simple* | AmpR |
| chr02\_3.25.U4.F1 | 633396 | 635086 | *pUC57-simple* | AmpR |
| chr02\_3.25.U4.F2 | 635047 | 637234 | *pUC57-simple* | AmpR |
| chr02\_3.25.U4.F3 | 637195 | 638886 | *pUC57-simple* | AmpR |
| chr02\_3.25.U4.F4 | 638847 | 640786 | *pUC57-simple* | AmpR |
| chr02\_3.25.U4.F5- | 640747 | 641973 | *pUC57-simple* | AmpR |
| chr02\_3.25.V1.F1 | 641513 | 643665 | *pUC57-simple* | AmpR |
| chr02\_3.25.V1.F2 | 643626 | 645636 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V1.F3 | 645597 | 647508 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V1.F4 | 647469 | 649555 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V2.F1 | 649516 | 651700 | *pUC57-simple* | AmpR |
| chr02\_3.25.V2.F2 | 651661 | 653634 | *pUC57-simple* | AmpR |
| chr02\_3.25.V2.F3 | 653595 | 655393 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V2.F4 | 655354 | 657528 | *pUC57-simple* | AmpR |
| chr02\_3.25.V3.F1 | 657489 | 659245 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V3.F2 | 659206 | 661138 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V3.F3 | 661099 | 663009 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V3.F4 | 662970 | 664794 | *pUC57-simple* | AmpR |
| chr02\_3.25.V4.F1 | 664755 | 666743 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.V4.F2 | 666704 | 668892 | *pUC57-simple* | AmpR |
| chr02\_3.25.V4.F3 | 668853 | 671104 | *pUC57* | AmpR |
| chr02\_3.25.V4.F4- | 671065 | 672396 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.W1.F1 | 671933 | 673879 | *pUC57-simple* | AmpR |
| chr02\_3.25.W1.F2 | 673840 | 675741 | *pUC57-simple* | AmpR |
| chr02\_3.25.W1.F3 | 675702 | 677713 | *pUC57-simple* | AmpR |
| chr02\_3.25.W1.F4 | 677674 | 679551 | *pUC57-simple* | AmpR |
| chr02\_3.25.W1.F5 | 679512 | 681373 | *pUC57* | AmpR |
| chr02\_3.25.W2.F1 | 681334 | 683445 | *pUC57-simple* | AmpR |
| chr02\_3.25.W2.F2 | 683406 | 685348 | *pUC57-simple* | AmpR |
| chr02\_3.25.W2.F3 | 685309 | 687380 | *pUC57-simple* | AmpR |
| chr02\_3.25.W2.F4 | 687341 | 689306 | *pUC57-simple* | AmpR |
| chr02\_3.25.W3.F1 | 689267 | 691320 | *pUC57-simple* | AmpR |
| chr02\_3.25.W3.F2 | 691281 | 693120 | *pUC57-simple* | AmpR |
| chr02\_3.25.W3.F3 | 693081 | 695004 | *pUC57-simple* | AmpR |
| chr02\_3.25.W3.F4 | 694965 | 697195 | *pMD18-T-simple* | AmpR |
| chr02\_3.25.W3.F5 | 697156 | 698934 | *pUC57-simple* | AmpR |
| chr02\_3.25.W4.F1 | 698895 | 701148 | *pUC57-simple* | AmpR |
| chr02\_3.25.W4.F2 | 701109 | 702784 | *pUC57-simple* | AmpR |
| chr02\_3.25.W4.F3 | 702745 | 705103 | *pMK-RQ-Bb* | KanR |
| chr02\_3.25.W4.F4- | 705064 | 706402 | *pMK-RQ* | KanR |
| chr02\_3.25.X1.F1 | 705946 | 707994 | *pUC57-simple* | AmpR |
| chr02\_3.25.X1.F2 | 707955 | 709944 | *pUC57-simple* | AmpR |
| chr02\_3.25.X1.F3 | 709905 | 711623 | *pMS-RQ* | SpcR |
| chr02\_3.25.X1.F4 | 711584 | 713707 | *pUC57-simple* | AmpR |
| chr02\_3.25.X1.F5 | 713668 | 715349 | *pUC57* | AmpR |
| chr02\_3.25.X2.F1 | 715310 | 717530 | *pMK-RQ* | KanR |
| chr02\_3.25.X2.F2 | 717491 | 719789 | *pMK-RQ* | KanR |
| chr02\_3.25.X2.F3 | 719750 | 722090 | *pUC57-simple* | AmpR |
| chr02\_3.25.X3.F1 | 722051 | 724212 | *pUC57-simple* | AmpR |
| chr02\_3.25.X3.F2 | 724173 | 726292 | *pUC57-simple* | AmpR |
| chr02\_3.25.X3.F3 | 726253 | 728309 | *pUC57-simple* | AmpR |
| chr02\_3.25.X4.F1 | 728270 | 730528 | *pUC57-simple* | AmpR |
| chr02\_3.25.X4.F2 | 730489 | 732625 | *pUC57-simple* | AmpR |
| chr02\_3.25.X4.F3 | 732586 | 734724 | *pMK-RQ* | KanR |
| chr02\_3.25.X4.F4- | 734685 | 736068 | *pMS-RQ* | SpcR |
| chr02\_3.25.Y1.F1 | 735607 | 737578 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y1.F2 | 737539 | 739517 | *pUC57* | AmpR |
| chr02\_3.25.Y1.F3 | 739478 | 741524 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y1.F4 | 741485 | 743283 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y1.F5 | 743244 | 745293 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y2.F1 | 745254 | 747172 | *pMK-RQ* | KanR |
| chr02\_3.25.Y2.F2 | 747133 | 749296 | *pMK-RQ* | KanR |
| chr02\_3.25.Y2.F3 | 749257 | 751256 | *pMK-RQ* | KanR |
| chr02\_3.25.Y2.F4 | 751217 | 753093 | *pMS-RQ* | SpcR |
| chr02\_3.25.Y2.F5 | 753054 | 755176 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y3.F1 | 755137 | 757143 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y3.F2 | 757104 | 759225 | *pMK-RQ* | KanR |
| chr02\_3.25.Y3.F3 | 759186 | 761305 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y3.F4 | 761266 | 763360 | *pMK-RQ* | KanR |
| chr02\_3.25.Y4.F1 | 763321 | 765393 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y4.F2 | 765354 | 767259 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y4.F3 | 767220 | 769282 | *pUC57-simple* | AmpR |
| chr02\_3.25.Y4.F4 | 769243 | 770035 | *pMK-RQ* | KanR |

# minichunks were digested with appropriate restriction enzymes to be released from accepting vector, but leaving sufficient overlap for chunk assembly.