|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Building Block Plasmid** | **Length** | **Backbone** | **Construction Method** | **Builder** |
| yeast\_chr05\_3\_39.A1.01 | 378 | pEASY-Blunt | PCA | Xuenan Li, Yexuan Deng |
| yeast\_chr05\_3\_39.A1.02 | 736 | pEASY-Blunt | PCA | Siyu Xin, Tingting Zhang |
| yeast\_chr05\_3\_39.A1.03 | 655 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.A1.04 | 655 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A1.05 | 656 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A1.06 | 656 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A1.07 | 656 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A1.08 | 591 | pEASY-Blunt | PCA | Yiran Wang, Lanmeng Qu |
| yeast\_chr05\_3\_39.A1.09 | 591 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A1.10 | 592 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A1.11 | 592 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.01 | 669 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.02 | 669 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.A2.03 | 659 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.04 | 660 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.05 | 660 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.06 | 660 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.07 | 660 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.08 | 660 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.09 | 730 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.10 | 730 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.A2.11 | 730 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.12 | 730 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.13 | 730 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.14 | 730 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A2.15 | 730 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.A3.01 | 480 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.02 | 480 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.03 | 632 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.04 | 633 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.05 | 633 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.06 | 633 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.07 | 584 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.08 | 584 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.09 | 585 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.10 | 585 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A3.11 | 670 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.A3.12 | 671 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.A4.01 | 708 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.02 | 708 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.03 | 708 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.A4.04 | 708 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.05 | 708 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.06 | 676 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.07 | 676 | pEASY-Blunt | PCA | Zhenning Liu, Junqi Zhu |
| yeast\_chr05\_3\_39.A4.08 | 676 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.A4.09 | 677 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.10 | 677 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.11 | 677 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A4.12 | 527 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.01 | 673 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.02 | 674 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.03 | 674 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.04 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.05 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.06 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.07 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.08 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.09 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.10 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.11 | 718 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.A5.12 | 719 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.A5.13 | 719 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.B1.01 | 652 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.02 | 653 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B1.03 | 665 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.04 | 665 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.05 | 665 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.06 | 665 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.07 | 665 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.08 | 665 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.09 | 665 | pEASY-Blunt | PCA | Wei Zhang, Shilan Yang |
| yeast\_chr05\_3\_39.B1.10 | 647 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.11 | 647 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.12 | 642 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.13 | 642 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.14 | 642 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.15 | 642 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B1.16 | 642 | pEASY-Blunt | PCA | Bin Jia |
| yeast\_chr05\_3\_39.B2.01 | 655 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.02 | 655 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.B2.03 | 581 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.04 | 581 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.05 | 594 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.06 | 594 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.07 | 594 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.08 | 595 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.09 | 595 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.10 | 497 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.11 | 497 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.12 | 497 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.13 | 686 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.B2.14 | 750 | pEASY-Blunt | PCA | Ran Tao, Yan Wang |
| yeast\_chr05\_3\_39.B2.15 | 718 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B2.16 | 718 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B3.01 | 501 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.02 | 501 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.03 | 707 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.04 | 707 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.05 | 707 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.06 | 708 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.07 | 665 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.08 | 665 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.09 | 665 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.10 | 665 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.11 | 665 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.12 | 513 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.13 | 514 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B3.14 | 514 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.B4.01 | 632 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.B4.02 | 574 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.03 | 574 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.04 | 575 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.05 | 575 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.06 | 726 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.B4.07 | 726 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.B4.08 | 727 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.B4.09 | 614 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.10 | 614 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.11 | 615 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.B4.12 | 627 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.13 | 628 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.B4.14 | 628 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.15 | 628 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.16 | 628 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.B4.17 | 628 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.C1.01 | 585 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.02 | 585 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.03 | 638 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.04 | 638 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.05 | 638 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.06 | 639 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.07 | 639 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.08 | 639 | pEASY-Blunt | PCA | Yilin Liu, Ningzhi Liu |
| yeast\_chr05\_3\_39.C1.09 | 658 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.10 | 659 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.11 | 659 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.12 | 659 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.13 | 659 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C1.14 | 659 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.C2.01 | 630 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.02 | 630 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.C2.03 | 631 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.04 | 631 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.05 | 631 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.C2.06 | 631 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.C2.07 | 716 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.08 | 717 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.C2.09 | 717 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.10 | 717 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.C2.11 | 615 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.12 | 615 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.13 | 615 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.14 | 2368 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.15 | 481 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C2.16 | 746 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.C3.01 | 704 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.02 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.03 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.04 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.05 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.06 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.07 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.08 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.09 | 705 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.10 | 692 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.11 | 692 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.12 | 692 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.13 | 693 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.14 | 693 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C3.15 | 693 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.C4.01 | 732 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.02 | 732 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.03 | 732 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.04 | 732 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.05 | 732 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.06 | 732 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.07 | 499 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.08 | 433 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.09 | 433 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.10 | 599 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.11 | 599 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.12 | 599 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.13 | 599 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.C4.14 | 599 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.D1.01 | 644 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.02 | 645 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.03 | 645 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.04 | 645 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.05 | 645 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.06 | 555 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.07 | 697 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.08 | 698 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.09 | 698 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.10 | 638 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.11 | 638 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.12 | 638 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.13 | 638 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.14 | 638 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.15 | 638 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D1.16 | 760 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.D2.01 | 570 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.D2.02 | 570 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.D2.03 | 571 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.D2.04 | 591 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.D2.05 | 696 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.D2.06 | 696 | pEASY-Blunt | PCA | Yue Liu, Lanmeng Qu |
| yeast\_chr05\_3\_39.D2.07 | 719 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.D2.08 | 719 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.D2.09 | 719 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.D2.10 | 720 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.D2.11 | 438 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.D2.12 | 452 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.D3.01 | 711 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.02 | 711 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.03 | 711 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.04 | 712 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.05 | 712 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.06 | 712 | pEASY-Blunt | PCA | Yue Liu, Lanmeng Qu |
| yeast\_chr05\_3\_39.D3.07 | 712 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.08 | 712 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.09 | 712 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.10 | 640 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.11 | 631 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.12 | 632 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D3.13 | 632 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.D4.01 | 378 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.02 | 606 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.D4.03 | 616 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.04 | 616 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.05 | 617 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.06 | 514 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.07 | 514 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.08 | 515 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.D4.09 | 792 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.D4.10 | 722 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.11 | 722 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.12 | 722 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.13 | 722 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.14 | 722 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.15 | 722 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.D4.16 | 723 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.D4.17 | 723 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.E1.01 | 701 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.02 | 614 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.03 | 615 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.04 | 615 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.05 | 719 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.06 | 719 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.07 | 720 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.08 | 720 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.09 | 590 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.10 | 590 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.11 | 590 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.12 | 591 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.13 | 601 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.14 | 601 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.15 | 601 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E1.16 | 602 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.E2.01 | 565 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.E2.02 | 566 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E2.03 | 566 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E2.04 | 672 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.E2.05 | 672 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.E2.06 | 673 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.E2.07 | 673 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.E2.08 | 673 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.E2.09 | 673 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.E2.10 | 673 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.E2.11 | 673 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.E2.12 | 673 | pEASY-Blunt | PCA | Xuenan Li, Yexuan Deng |
| yeast\_chr05\_3\_39.E2.13 | 673 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.E2.14 | 616 | pEASY-Blunt | PCA | Zhenning Liu, Junqi Zhu |
| yeast\_chr05\_3\_39.E3.01 | 672 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.02 | 672 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.03 | 673 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.04 | 673 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.05 | 673 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.06 | 763 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.07 | 681 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.08 | 681 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.09 | 681 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E3.10 | 681 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.E4.01 | 700 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.02 | 700 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.03 | 700 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.04 | 700 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.05 | 700 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.E4.06 | 700 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.07 | 701 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.08 | 701 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.09 | 701 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.10 | 701 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.11 | 701 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.E4.12 | 701 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.E4.13 | 701 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.F1.01 | 524 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.02 | 728 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.03 | 729 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.04 | 729 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.05 | 729 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.06 | 726 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.07 | 726 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.08 | 726 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.09 | 726 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.10 | 726 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.11 | 727 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.12 | 727 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.13 | 600 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F1.14 | 601 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.F2.01 | 622 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.02 | 622 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.03 | 732 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.04 | 732 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.05 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.06 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.07 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.08 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.09 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.10 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.11 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.12 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.13 | 733 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F2.14 | 733 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.F3.01 | 600 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.02 | 600 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.03 | 600 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.04 | 601 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.05 | 601 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.06 | 496 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.07 | 496 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.08 | 497 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.09 | 622 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.10 | 622 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.11 | 623 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.F3.12 | 588 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F3.13 | 589 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.F4.01 | 620 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.02 | 620 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.03 | 620 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.04 | 621 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.05 | 649 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.06 | 649 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.07 | 650 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.08 | 650 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.09 | 650 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.10 | 650 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.11 | 431 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.12 | 634 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.13 | 634 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.F4.14 | 634 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.F4.15 | 634 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.F4.16 | 635 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.G1.01 | 716 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.02 | 716 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.03 | 716 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.04 | 716 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.05 | 716 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.06 | 717 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.07 | 717 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.08 | 559 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.09 | 560 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.10 | 560 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G1.11 | 560 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.G2.01 | 726 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.02 | 726 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.G2.03 | 726 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.04 | 726 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.G2.05 | 727 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.G2.06 | 727 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.07 | 727 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.08 | 727 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.09 | 727 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.10 | 727 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G2.11 | 596 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.G3.01 | 597 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.02 | 598 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.03 | 598 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.04 | 598 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.05 | 432 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.06 | 433 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.07 | 566 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.08 | 566 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.09 | 567 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.10 | 567 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.11 | 502 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.12 | 502 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.13 | 546 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.14 | 546 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.15 | 546 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.16 | 705 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G3.17 | 705 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G4.01 | 612 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.G4.02 | 612 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.03 | 613 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.04 | 613 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.G4.05 | 719 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.G4.06 | 719 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.07 | 720 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.08 | 720 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.09 | 720 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.G4.10 | 633 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.11 | 633 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.G4.12 | 633 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.G4.13 | 633 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.H1.01 | 648 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.02 | 649 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.03 | 649 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.H1.04 | 708 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.H1.05 | 708 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.06 | 708 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.07 | 709 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.08 | 709 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.09 | 376 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.10 | 649 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.11 | 649 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.12 | 650 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.13 | 650 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.H1.14 | 626 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H1.15 | 627 | pEASY-Blunt | PCA | Nan Jia |
| yeast\_chr05\_3\_39.H2.01 | 688 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.H2.02 | 688 | pEASY-Blunt | PCA | Su Wang |
| yeast\_chr05\_3\_39.H2.03 | 688 | pEASY-Blunt | PCA | Su Wang |
| yeast\_chr05\_3\_39.H2.04 | 688 | pEASY-Blunt | PCA | Su Wang |
| yeast\_chr05\_3\_39.H2.05 | 688 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.H2.06 | 689 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.H2.07 | 689 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.H2.08 | 614 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.H2.09 | 615 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.H2.10 | 615 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.H2.11 | 615 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.H2.12 | 615 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.H2.13 | 591 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast\_chr05\_3\_39.H2.14 | 591 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.H2.15 | 592 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.H2.16 | 476 | pEASY-Blunt | PCA | Siyu Xin, Tingting Zhang |
| yeast\_chr05\_3\_39.H3.01 | 667 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.02 | 667 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.03 | 667 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.04 | 668 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.05 | 714 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.06 | 714 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.07 | 505 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.08 | 505 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.09 | 505 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.10 | 500 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H3.11 | 501 | pEASY-Blunt | PCA | Xue Bai |
| yeast\_chr05\_3\_39.H4.01 | 494 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.02 | 494 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.03 | 615 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.H4.04 | 615 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.05 | 615 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.06 | 616 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.07 | 583 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.H4.08 | 583 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.09 | 583 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.10 | 583 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.H4.11 | 595 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.12 | 595 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.13 | 596 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.H4.14 | 615 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.H4.15 | 616 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.H4.16 | 616 | pEASY-Blunt | PCA | Su Wang |
| yeast\_chr05\_3\_39.H4.17 | 616 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.I1.01 | 408 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.02 | 659 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.03 | 659 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.04 | 659 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.05 | 660 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I1.06 | 620 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.07 | 620 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.08 | 620 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.09 | 621 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.I1.10 | 621 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.11 | 577 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.12 | 577 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I1.13 | 578 | pEASY-Blunt | PCA | Shilei Han |
| yeast\_chr05\_3\_39.I2.01 | 504 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.02 | 505 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.03 | 672 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.04 | 672 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.05 | 672 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I2.06 | 672 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I2.07 | 673 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.I2.08 | 673 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.09 | 673 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.10 | 673 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.11 | 673 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.12 | 673 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.I2.13 | 684 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I2.14 | 685 | pEASY-Blunt | PCA | Cheng Hu |
| yeast\_chr05\_3\_39.I3.01 | 684 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.02 | 684 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.03 | 685 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.04 | 648 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.05 | 648 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.06 | 648 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.07 | 648 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.08 | 648 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.09 | 649 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.10 | 577 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.11 | 578 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.12 | 578 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.13 | 575 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I3.14 | 576 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.I4.01 | 720 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.02 | 720 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.I4.03 | 586 | pEASY-Blunt | PCA | Meiqing Fu, Jinhua Zhang |
| yeast\_chr05\_3\_39.I4.04 | 586 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.05 | 586 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.06 | 555 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.07 | 556 | pEASY-Blunt | PCA | Linting Wang |
| yeast\_chr05\_3\_39.I4.08 | 647 | pEASY-Blunt | PCA | Linting Wang |
| yeast\_chr05\_3\_39.I4.09 | 648 | pEASY-Blunt | PCA | Xiaotong Wei |
| yeast\_chr05\_3\_39.I4.10 | 648 | pEASY-Blunt | PCA | Ting Liu |
| yeast\_chr05\_3\_39.I4.11 | 648 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.12 | 648 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.13 | 648 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.I4.14 | 702 | pEASY-Blunt | PCA | Yiran Wang |
| yeast\_chr05\_3\_39.I4.15 | 703 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.I4.16 | 703 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.I4.17 | 703 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.J1.01 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.02 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.03 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.04 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.05 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.06 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.07 | 720 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.08 | 721 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.09 | 721 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.10 | 721 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.11 | 721 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J1.12 | 721 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast\_chr05\_3\_39.J2.01 | 692 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.02 | 610 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.03 | 611 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.04 | 611 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.05 | 611 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.J2.06 | 566 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.07 | 566 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.08 | 567 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.09 | 567 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.10 | 718 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.11 | 718 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J2.12 | 719 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.J2.13 | 719 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.J3.01 | 720 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J3.02 | 720 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.J3.03 | 640 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J3.04 | 640 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J3.05 | 641 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J3.06 | 641 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J3.07 | 668 | pEASY-Blunt | PCA | Huang Xu, Jiafei Lv |
| yeast\_chr05\_3\_39.J3.08 | 586 | pEASY-Blunt | PCA | Jingui Liu, Lixiang Song |
| yeast\_chr05\_3\_39.J3.09 | 586 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J3.10 | 586 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.J4.01 | 711 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.02 | 711 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.J4.03 | 711 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.04 | 711 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.05 | 711 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.06 | 712 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.07 | 712 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.08 | 459 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.09 | 684 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.10 | 684 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.11 | 684 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.J4.12 | 685 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.13 | 685 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.J4.14 | 685 | pEASY-Blunt | PCA | Feifei Li |
| yeast\_chr05\_3\_39.K1.01 | 605 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.02 | 605 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.03 | 605 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.04 | 606 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.05 | 712 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.06 | 712 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.07 | 712 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.08 | 712 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.09 | 713 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.10 | 713 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.11 | 713 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.K1.12 | 571 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.13 | 572 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.14 | 572 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K1.15 | 572 | pEASY-Blunt | PCA | Shengyang Du |
| yeast\_chr05\_3\_39.K2.01 | 594 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.02 | 595 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.03 | 562 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.04 | 562 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.05 | 562 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.06 | 562 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.07 | 624 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.08 | 624 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.09 | 624 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.10 | 624 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.11 | 625 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.12 | 442 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K2.13 | 431 | pEASY-Blunt | PCA | Wenqian Zhang |
| yeast\_chr05\_3\_39.K3.01 | 720 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.02 | 720 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.03 | 720 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.04 | 688 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.05 | 688 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.06 | 688 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.07 | 688 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.08 | 689 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.09 | 519 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K3.10 | 520 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K4.01 | 670 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.K4.02 | 670 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.K4.03 | 670 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.K4.04 | 714 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.K4.05 | 714 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.K4.06 | 675 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K4.07 | 675 | pEASY-Blunt | PCA | Xuejiao Guo |
| yeast\_chr05\_3\_39.K4.08 | 675 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.K4.09 | 675 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.K4.10 | 675 | pEASY-Blunt | PCA | Wan Su |
| yeast\_chr05\_3\_39.K4.11 | 675 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K4.12 | 676 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.K4.13 | 676 | pEASY-Blunt | PCA | Haoxing Du |
| yeast\_chr05\_3\_39.L1.01 | 688 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.02 | 688 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.03 | 688 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.04 | 688 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.05 | 640 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.06 | 640 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.07 | 641 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.08 | 636 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.09 | 637 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.10 | 637 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.11 | 637 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.12 | 637 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L1.13 | 637 | pEASY-Blunt | PCA | Kairen Tian, Ting Li |
| yeast\_chr05\_3\_39.L1.14 | 479 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L2.01 | 725 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L2.02 | 725 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L2.03 | 726 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L2.04 | 726 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.L2.05 | 726 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.L2.06 | 592 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.L2.07 | 593 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.L2.08 | 593 | pEASY-Blunt | PCA | Si Chen |
| yeast\_chr05\_3\_39.L2.09 | 593 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.L2.10 | 593 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.L3.01 | 691 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.02 | 692 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.03 | 692 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.04 | 692 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.05 | 713 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.06 | 713 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.07 | 713 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.08 | 713 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.09 | 662 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.10 | 662 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.11 | 663 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.12 | 663 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.13 | 663 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.14 | 663 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L3.15 | 440 | pEASY-Blunt | PCA | Fang Zhai |
| yeast\_chr05\_3\_39.L4.01 | 730 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.02 | 699 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.03 | 699 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.04 | 700 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.05 | 700 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.06 | 566 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.07 | 566 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.08 | 566 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.09 | 708 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.10 | 708 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.11 | 708 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.12 | 708 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.13 | 708 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.L4.14 | 708 | pEASY-Blunt | PCA | Qiuhui Lin |
| yeast\_chr05\_3\_39.M1.01 | 600 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.02 | 601 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.M1.03 | 554 | pEASY-Blunt | PCA | Linting Wang |
| yeast\_chr05\_3\_39.M1.04 | 555 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.M1.05 | 632 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.06 | 633 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.07 | 633 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.08 | 633 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.09 | 633 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.10 | 633 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.M1.11 | 531 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.12 | 531 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.13 | 469 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M1.14 | 469 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast\_chr05\_3\_39.M2.01 | 673 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.M2.02 | 674 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.M2.03 | 674 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.M2.04 | 674 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.M2.05 | 674 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.M2.06 | 674 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M2.07 | 674 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M2.08 | 674 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M2.09 | 674 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.M2.10 | 674 | pEASY-Blunt | PCA | Xiaona Yang |
| yeast\_chr05\_3\_39.M3.01 | 697 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.02 | 697 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.03 | 698 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.04 | 650 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.05 | 650 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.06 | 650 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.07 | 650 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.08 | 651 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.09 | 651 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.10 | 651 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.11 | 527 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M3.12 | 527 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.M4.01 | 705 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.02 | 705 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.03 | 706 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.04 | 706 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.05 | 492 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.06 | 492 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.07 | 667 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.08 | 667 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.09 | 667 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.10 | 667 | pEASY-Blunt | PCA | Enxu Wang |
| yeast\_chr05\_3\_39.M4.11 | 667 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.M4.12 | 667 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.M4.13 | 667 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.M4.14 | 668 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.01 | 649 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.02 | 649 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.03 | 649 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.04 | 649 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.05 | 649 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.06 | 650 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.07 | 728 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.08 | 728 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.09 | 728 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.10 | 728 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.11 | 588 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N1.12 | 589 | pEASY-Blunt | PCA | Juan Zhao |
| yeast\_chr05\_3\_39.N2.01 | 555 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.N2.02 | 556 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.N2.03 | 705 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.N2.04 | 705 | pEASY-Blunt | PCA | Dashuai Li |
| yeast\_chr05\_3\_39.N2.05 | 706 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.N2.06 | 706 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.N2.07 | 706 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.N2.08 | 706 | pEASY-Blunt | PCA | Junjun Dai |
| yeast\_chr05\_3\_39.N2.09 | 547 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.N2.10 | 548 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.N2.11 | 568 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.N2.12 | 568 | pEASY-Blunt | PCA | Ken Chen |
| yeast\_chr05\_3\_39.N3.01 | 633 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.02 | 633 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.03 | 633 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.04 | 634 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.05 | 634 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.06 | 634 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.07 | 713 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.08 | 713 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.09 | 714 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.10 | 714 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.11 | 728 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.12 | 728 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.13 | 729 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N3.14 | 729 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N3.15 | 367 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.N4.01 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.02 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.03 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.04 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.05 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.06 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.07 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.08 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.09 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.10 | 712 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.11 | 713 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.12 | 713 | pEASY-Blunt | PCA | Xia Wang |
| yeast\_chr05\_3\_39.N4.13 | 713 | pEASY-Blunt | PCA | Xia Wang |
| yeast chr.05\_3\_39.O1.01 | 700 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.02 | 701 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.03 | 701 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.04 | 451 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.05 | 452 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.06 | 641 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.07 | 641 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.08 | 641 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.09 | 641 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.10 | 641 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.11 | 562 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.12 | 563 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O1.13 | 563 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.O2.01 | 578 | pEASY-Blunt | PCA | Tianqing Song |
| yeast chr.05\_3\_39.O2.02 | 578 | pEASY-Blunt | PCA | Nan Jia |
| yeast chr.05\_3\_39.O2.03 | 579 | pEASY-Blunt | PCA | Nan Jia |
| yeast chr.05\_3\_39.O2.04 | 579 | pEASY-Blunt | PCA | Nan Jia |
| yeast chr.05\_3\_39.O2.05 | 706 | pEASY-Blunt | PCA | Nan Jia |
| yeast chr.05\_3\_39.O2.06 | 706 | pEASY-Blunt | PCA | Xue Bai |
| yeast chr.05\_3\_39.O2.07 | 706 | pEASY-Blunt | PCA | Xue Bai |
| yeast chr.05\_3\_39.O2.08 | 706 | pEASY-Blunt | PCA | Xue Bai |
| yeast chr.05\_3\_39.O2.09 | 706 | pEASY-Blunt | PCA | Xue Bai |
| yeast chr.05\_3\_39.O2.10 | 706 | pEASY-Blunt | PCA | Xue Bai |
| yeast chr.05\_3\_39.O2.11 | 706 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast chr.05\_3\_39.O2.12 | 706 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast chr.05\_3\_39.O2.13 | 707 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast chr.05\_3\_39.O2.14 | 707 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast chr.05\_3\_39.O2.15 | 707 | pEASY-Blunt | PCA | Zexiong Xie |
| yeast chr.05\_3\_39.O3.01 | 655 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.02 | 655 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.03 | 656 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.04 | 656 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.05 | 656 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.06 | 656 | pEASY-Blunt | PCA | Guangxin Ye, Xiaoran Xu |
| yeast chr.05\_3\_39.O3.07 | 642 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.08 | 643 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.09 | 643 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.10 | 643 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.11 | 643 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.12 | 643 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.13 | 643 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.14 | 497 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.15 | 498 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O3.16 | 498 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.O4.01 | 473 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast chr.05\_3\_39.O4.02 | 473 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast chr.05\_3\_39.O4.03 | 706 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast chr.05\_3\_39.O4.04 | 706 | pEASY-Blunt | PCA | Shiyang Liu |
| yeast chr.05\_3\_39.O4.05 | 706 | pEASY-Blunt | PCA | Shiyang Liu, Xia Wang |
| yeast chr.05\_3\_39.O4.06 | 706 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast chr.05\_3\_39.O4.07 | 706 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast chr.05\_3\_39.O4.08 | 706 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast chr.05\_3\_39.O4.09 | 706 | pEASY-Blunt | PCA | Zhichao Yu |
| yeast chr.05\_3\_39.O4.10 | 706 | pEASY-Blunt | PCA | Haoxing Du |
| yeast chr.05\_3\_39.O4.11 | 707 | pEASY-Blunt | PCA | Cheng Hu |
| yeast chr.05\_3\_39.O4.12 | 707 | pEASY-Blunt | PCA | Cheng Hu |
| yeast chr.05\_3\_39.O4.13 | 707 | pEASY-Blunt | PCA | Cheng Hu |
| yeast chr.05\_3\_39.O4.14 | 707 | pEASY-Blunt | PCA | Cheng Hu |
| yeast chr.05\_3\_39.O4.15 | 707 | pEASY-Blunt | PCA | Cheng Hu |
| yeast chr.05\_3\_39.P1.01 | 675 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.02 | 675 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.03 | 675 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.P1.04 | 676 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.05 | 698 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.06 | 698 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.07 | 698 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.08 | 698 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.09 | 698 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P1.10 | 699 | pEASY-Blunt | PCA | Minghua Shen |
| yeast chr.05\_3\_39.P2.01 | 664 | pEASY-Blunt | PCA | Shengyang Du |
| yeast chr.05\_3\_39.P2.02 | 664 | pEASY-Blunt | PCA | Xia Wang |
| yeast chr.05\_3\_39.P2.03 | 664 | pEASY-Blunt | PCA | Shengyang Du |
| yeast chr.05\_3\_39.P2.04 | 664 | pEASY-Blunt | PCA | Shengyang Du |
| yeast chr.05\_3\_39.P2.05 | 665 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P2.06 | 665 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P2.07 | 602 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.P2.08 | 602 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.P2.09 | 602 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.P2.10 | 603 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.P2.11 | 603 | pEASY-Blunt | PCA | Fang Zhai |
| yeast chr.05\_3\_39.P3.01 | 730 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.02 | 730 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.03 | 730 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.04 | 730 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.05 | 730 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.06 | 730 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.07 | 731 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.08 | 731 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.09 | 503 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.10 | 503 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.11 | 685 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.12 | 685 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.13 | 685 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.14 | 686 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P3.15 | 686 | pEASY-Blunt | PCA | Enxu Wang |
| yeast chr.05\_3\_39.P4.01 | 715 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P4.02 | 715 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P4.03 | 715 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P4.04 | 715 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P4.05 | 715 | pEASY-Blunt | PCA | Yi Wu |
| yeast chr.05\_3\_39.P4.06 | 715 | pEASY-Blunt | PCA | Xia Wang |
| yeast chr.05\_3\_39.P4.07 | 715 | pEASY-Blunt | PCA | Haoxing Du |
| yeast chr.05\_3\_39.P4.08 | 715 | pEASY-Blunt | PCA | Haoxing Du |
| yeast chr.05\_3\_39.P4.09 | 715 | pEASY-Blunt | PCA | Haoxing Du |
| yeast chr.05\_3\_39.P4.10 | 715 | pEASY-Blunt | PCA | Haoxing Du |
| yeast chr.05\_3\_39.P4.11 | 716 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.P4.12 | 716 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.P4.13 | 716 | pEASY-Blunt | PCA | Si Chen |
| yeast chr.05\_3\_39.P4.14 | 716 | pEASY-Blunt | PCA | Si Chen |
| yeast\_chr05\_3\_39.Q1.01 | 641 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.02 | 641 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.03 | 642 | pEASY-Blunt | PCA | Zhengbao Xia, Wenqi Ding |
| yeast\_chr05\_3\_39.Q1.04 | 572 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.05 | 572 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.06 | 663 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.07 | 663 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.08 | 663 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.09 | 663 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q1.10 | 664 | pEASY-Blunt | PCA | Minghua Shen |
| yeast\_chr05\_3\_39.Q2.01 | 669 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.Q2.02 | 669 | pEASY-Blunt | PCA | Yi Wu |
| yeast\_chr05\_3\_39.Q2.03 | 669 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.Q2.04 | 669 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.Q2.05 | 504 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.Q2.06 | 504 | pEASY-Blunt | PCA | Rui Guo |
| yeast\_chr05\_3\_39.Q2.07 | 505 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.08 | 606 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.09 | 606 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.10 | 607 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.11 | 499 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.12 | 500 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.13 | 500 | pEASY-Blunt | PCA | Zhu Jin |
| yeast\_chr05\_3\_39.Q2.14 | 498 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.Q2.15 | 498 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.Q2.16 | 499 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.Q2.17 | 497 | pEASY-Blunt | PCA | Boxuan Zeng |
| yeast\_chr05\_3\_39.Q2.18 | 353 | pEASY-Blunt | PCA | Qi Feng |
| yeast\_chr05\_3\_39.Q3.01 | 432 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.02 | 432 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.03 | 682 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.04 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.05 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.06 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.07 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.08 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.09 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.10 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.11 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.12 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.13 | 683 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.14 | 671 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.15 | 671 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q3.16 | 672 | pEASY-Blunt | PCA | Menglong Hu |
| yeast\_chr05\_3\_39.Q4.01 | 733 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.Q4.02 | 733 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.Q4.03 | 733 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.Q4.04 | 733 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.Q4.05 | 733 | pEASY-Blunt | PCA | Tianqing Song |
| yeast\_chr05\_3\_39.Q4.06 | 733 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.Q4.07 | 733 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.Q4.08 | 734 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.Q4.09 | 734 | pEASY-Blunt | PCA | Wei Zhang, Shilan Yang |
| yeast\_chr05\_3\_39.Q4.10 | 734 | pEASY-Blunt | PCA | Xin Qi |
| yeast\_chr05\_3\_39.Q4.11 | 734 | pEASY-Blunt | PCA | Meiqing Fu, Jinhua Zhang |
| yeast\_chr05\_3\_39.Q4.12 | 342 | pEASY-Blunt | PCA | Yilin Liu, Ningzhi Liu |